

1890.

7, 1889

g
er

INE.
ed.

R.
; WOR.
d points,
ne block
days ex.

TUAL
ANY.
Mass
62.55
93.66

68.89
insured
engaged
um not
risk does
becomes

service,
he year,
the cash
values to
Mass.

T Pol-
nium.
re paid
any 24
Office.

st. Sec.

RD.

te Capt.
eers.)
LAW,
on 123,

reasury
ar with
cutive
atten-
Ac-
Claims
ess be-
or the
Rose-
ington,
Arms.
O. O.

Y.

ED.

S,

S,

R.

1808

der

G.

the

the

the

ARMY



NAVY

GAZETTE OF THE
REGULAR

JOURNAL.

AND VOLUNTEER
FORCES.

VOLUME XXVIII—NUMBER 12.
WHOLE NUMBER 1421.

NEW YORK, SATURDAY, NOVEMBER 15, 1890.

SIX DOLLARS PER YEAR.
SINGLE COPIES, FIFTEEN CENTS.

17 and 19
MAIDEN LANE,

HARTLEY & GRAHAM,

NEW YORK,
U. S. A.

LEE DETACHABLE MAGAZINE RIFLE.

GOVERNMENT
CONTRACTORS.



Cable Address
HARTLEY,
NEW YORK.

WAR MATERIAL.

REMINGTON BREECH-LOADING

RIFLES AND CARBINES,

CARTRIDGES, REVOLVERS,

GATLING GUNS, ETC.

AMMUNITION FOR GATLING

AND OTHER MACHINE GUNS.

THE REMINGTON ARMS CO.,



MAGAZINE.



BELT.

LEE MAGAZINE RIFLES.

AND CARBINES, AS ADOPTED

BY THE BRITISH GOVERNMENT

AFTER THE MOST EXHAUSTIVE

TESTS AND IN COMPETITION

WITH ALL THE NOTED

MAKERS OF EUROPE.

THE GATLING GUN CO.

THE UNION METALLIC CARTRIDGE CO.,
BRIDGEPORT, CONN., U. S. A.



.45-70 GOV'T SOLID HEAD

AMMUNITION.



.43 SPANISH

Cartridges, Shells and Bullets for all Sporting and Military Arms, Paper and Brass Shot Shells
Wads, Primers, Caps, Etc.

HARTLEY & GRAHAM, EXPORT AGENTS, NEW YORK, U. S. A.

HOTCHKISS ORDNANCE COMPANY,

1503 PENNSYLVANIA AVENUE, WASHINGTON, D. C..

21 Rue Royale, Paris: 49 Parliament Street, London 8 Molka, St. Petersburg

MANUFACTURERS OF LIGHT ARTILLERY,
AND HOWELL AUTOMOBILE TORPEDOES.

Designs and estimates furnished for the complete armament of vessels. Full batteries for naval and auxiliary
ships furnished and mounted in place at short notice. Complete batteries and equipments furnished for Mountain
and Field Artillery. Designs, estimates, and material furnished for the protection of harbors and channels by
mines, torpedoes, artillery, and floating obstructions. Yacht guns and ammunition of standard Hotchkiss material.



MAGNOLIA METAL.

ENDORSED BY UNITED STATES AND
GERMAN GOVERNMENTS.

INMAN LINE

INMAN & INTERNATIONAL STEAMSHIP CO.,
(LIMITED.)

PETER WRIGHT & SONS, General Agents,

THE MAGNOLIA ANTI-FRICTION METAL CO.,
74 Cortlandt St., New York.

NEW YORK, OCT. 17TH, 1890.

Dear Sirs:

This certifies that we have had your Metal in use for about three years in
various service, some of which is the hardest that I have ever seen anti-friction Metal put
to, and am free to say that it has given entire satisfaction.

It is the Best Metal for its purpose that I now have knowledge of.

Yours very truly,

JAS S. DORAN, Sup't Engineer.

MAGNOLIA ANTI-FRICTION METAL CO.,

—OWNERS AND SOLE MANUFACTURERS—

74 Cortlandt Street.

New York.

London Office, 75 Queen Victoria Street.

Chicago Office, 41 Trader's Building.

REED & BARTON,

MANUFACTURERS OF

SILVER PLATED TABLE WARE,
Embracing Everything Required for Use or Decoration of the Table.

37 UNION SQUARE, NEW YORK.

Factories Established at Taunton, Mass., 1824.

TOBIN

Tensile Strength upwards of 70,000 lbs. per sq. inch
Torsional Strength equal to the best Machinery
Steel. Anti-Frictional and Non-Corrosive.

BRONZE

Round, square and hexagon bars for bolt forgings,
&c., Pump piston rods, Yacht shafting, Spring
wire, rolled sheets and plates for pump
hangers, and condenser tube sheets, &c.

ANSONIA BRASS AND COPPER CO.

SOLE MANUFACTURERS,

Send for Circular.

CHICAGO.

NEW YORK.

Publication Office 240 Broadway N. Y.

PERSONAL ITEMS.

LIEUTENANT J. J. BRERETON, 24th U. S. Infantry, is visiting at Patterson, N. J.

LIEUTENANT G. R. CECIL, 13th U. S. Infantry, is visiting friends in Detroit, Mich.

LIEUTENANT C. A. BOOTH, 7th U. S. Infantry, and Mrs. Booth are visiting in Harrisburg, Pa.

CAPTAIN J. F. MUNSON, 6th U. S. Infantry, has rejoined at Fort Thomas, Ky., from a short leave.

CAPTAIN G. K. SANDERSON, 11th U. S. Infantry, left Fort Niagara, N. Y., on Sunday last on a short leave.

CAPTAIN CHARLES PARKER, 9th U. S. Cavalry, will spend the winter on leave for the benefit of his health.

LIEUTENANT J. T. DICKMAN, 3d U. S. Cavalry, on leave from Fort Sam Houston, is visiting at Wapakoneta, Ohio.

CAPTAIN EDWARD FIELD, 4th U. S. Artillery, has gone to Columbus, Ga., to look up likely recruits for his regiment.

MAJOR E. C. WOODRUFF, 5th U. S. Infantry, on leave from Fort Ringgold, Texas, is visiting at Morristown, N. J.

CAPTAIN ELI HUGGINS, 2d U. S. Cavalry, A. D. C. to Gen. Nelson A. Miles, is absent from Chicago on a Western tour.

LIEUTENANT J. M. T. PARTELLO, 5th U. S. Infantry, is visiting his brother, the U. S. Consul, at Düsseldorf, Germany.

LIEUTENANT H. M. CHITTENDEN, Corps of Engineers, U. S. A., will shortly leave Omaha to spend the winter on leave.

COLONEL H. G. LITCHFIELD, U. S. A., rejoined at Fort Trumbull, Conn., early in the week from a brief visit to New York City.

LIEUTENANT GEO. H. SANDS, 6th U. S. Cavalry, is to have a tour of duty this winter at that pleasant cavalry post—Fort Myer, Va.

GENERAL A. W. GREELY, U. S. A., was a visitor to New York this week and called upon friends at Governor's Island on Monday.

LIEUTENANT C. L. PHILLIPS, 4th U. S. Artillery, now visiting at Old Point Comfort, Va., is expected at Fort Barrancas in a few days.

GENERAL W. D. WHIFFLE, U. S. A., came to New York City this week from Norristown, Pa., and is temporarily located at the Barrett House.

CAPTAIN LOUIS BRECHEMIN, Assistant Surgeon, U. S. A., has taken charge of the medical examination of recruits in the city of San Francisco.

CAPTAIN J. M. THOMPSON, 24th U. S. Infantry, is a recent visitor to Taunton, Mass., to see whether any likely recruits are to be found in that vicinity.

COLONEL P. T. SWAINE, 23d U. S. Infantry, on leave from Fort Keogh, is a recent visitor in New York City, with headquarters at the Grand Hotel.

SITTING BULL is said by a Fort Reno correspondent to possess great mesmeric power and to work it for all it is worth among his superstitious brethren.

COLONEL H. W. CLOSSON, 4th U. S. Artillery, is a recent visitor in San Francisco, and is expected to rejoin at Fort McPherson, Atlanta, Ga., early in December.

GENERAL J. S. WITCHER, U. S. A., who has been on leave at Halleck, Nev., is expected at Cincinnati early in December to establish a pay office in that city.

LIEUTENANT S. C. ROBERTSON, 1st U. S. Cavalry, who has seen a good deal of service this summer, will leave Fort Custer in a few days to spend a month on leave.

MAJOR JOHN A. KRESS, Ordnance Department, U. S. Army, will bid farewell to friends at Indianapolis in a few days to take command of the Powder Depot, near St. Louis.

CAPTAIN PAUL R. CLENDENIN, assistant surgeon, U. S. A., and Mrs. Clendenin, were expected in Omaha this week to visit relatives, the doctor being en route to Fort Brady, Mich.

LIEUTENANT E. W. V. C. LUCAS, Corps of Engineers, U. S. A., is a recent arrival at West Point for temporary duty with the portion of the Engineer Battalion there stationed.

LIEUTENANT BLANTON C. WELSH, 15th U. S. Infantry, who has been on sick leave for some time past at Columbus, Pa., is expected to rejoin at Jackson Barracks, La., the latter part of this week.

COLONEL LOOMIS L. LANGDON, 1st U. S. Artillery, has been tendered a review of the 23d Regiment, N. G. S. N. Y., on Saturday evening of this week, which there will be a large gathering of distinguished military guests.

COLONELS H. C. CORBIN and T. H. STANTON, U. S. Army, who came to Washington to superintend the removal of the remains of their old chief, Major-General Crook, from Oakland, Md., to Arlington, have been hospitably received by their numerous friends in the East.

The several staff departments of the Army will be ably represented at the Chicago Exposition as will be seen from the following list: Major Clifton Comly, O. D.; Capt. J. F. Rodgers, Q. M. D.; Capt. L. A. La Garde, M. D.; Capt. W. L. Marshall, C. E., and Capt. C. W. Whipple, O. D.

The following Army and Navy officers joined the California Commandery of the Loyal Legion this week: Col. E. B. Williston, Major E. M. Coates, Capt. A. C. Taylor, Capt. H. M. Kendall, Lieut. O. E. Wood, Pay Inspector G. A. Lyon, P. A. Engineers J. W. Holihan and Harrie Webster. The California Commandery doing well.

CAPTAIN E. L. ZALINSKI, 5th U. S. Artillery, visited friends in New York this week.

LIEUTENANT H. S. COLE, U. S. A., of Gen. Ruger's staff, has left St. Paul on a short leave.

CAPTAIN G. A. DODD, 3d U. S. Cavalry, now in the East, will spend most of the winter on leave.

MAJOR C. E. MUNN, Surgeon, U. S. A., rejoined at Fort Monroe on Thursday from a short leave.

COLONEL DALLAS BACHE, Gen. Brooke's medical director, has left Omaha on a few weeks' leave.

LIEUTENANT GUY HOWARD, A. D. C., has returned to Governor's Island from a short trip to the West.

MAJOR J. H. BARTHOLOMEW, Surgeon, U. S. A., returned to Plattsburgh early in the week from a short leave.

LIEUTENANT W. H. BEAN, 2d U. S. Cavalry, is a recent guest at the Monongahela House, Pittsburgh, Pa.

CAPTAIN R. G. ARMSTRONG, 1st U. S. Infantry, now visiting in New York, will shortly return to the Pacific Coast.

LIEUTENANT GEO. H. PATTEN, 22d U. S. Infantry, has left Fort Totten, N. D., to spend until January next on leave.

LIEUTENANT T. J. WATKINS, 11th U. S. Infantry, rejoined at Fort Niagara, N. Y., early in the week from a short leave.

LIEUTENANT N. F. MCCLURE, 8th U. S. Cavalry, has returned to Fort Walla Walla from a trip to old Fort Lapwai, Idaho.

UNDER recent orders Lieut. A. W. Perry, 9th U. S. Cavalry, changes base from Fort Leavenworth to Fort Robinson, Neb.

THE retirement of Capt. Harry Reade, 25th U. S. Infantry, promotes 1st Lieut. J. C. Ord to captain and G. F. Ahern to 1st lieutenant.

LIEUTENANT H. M. ROACH, 1st U. S. Infantry, who is much improved, will try the effects of a season of recuperation at Old Point Comfort, Va.

CAPTAIN P. R. EGAN, assistant surgeon, U. S. A., is a recent arrival at Fort Warren, Mass., and has taken charge of medical matters at that post.

CHAPLAIN J. H. MACOMBER, U. S. A., will remain at Fort Sherman, Idaho, for the present, his orders for duty at Alcatraz Island having been revoked.

In a forthcoming number of the *North American Review* an article entitled "The Future of Warfare," by Capt. E. L. Zalinski, U. S. A., will appear.

INSPECTOR-GENERAL H. W. LAWTON, U. S. A., duly opened on Tuesday the Board appointed to submit a programme for the reorganization of the Signal Service.

THE always genial Capt. James M. Ropes, 8th U. S. Cavalry, is again with us, having returned from Massachusetts. Welcome home, Captain.—*Corpus Christi Caller*.

LIEUTENANT A. M. HUNTER, 4th U. S. Artillery, will leave Fort Barrancas, Fla., in a few days for the North, to report at Willets Point for a tour of torpedo instruction.

A BRONZE bust of heroic size of Gen. Winfield Scott Hancock, U. S. A., is soon to be erected in Hancock Park, at St. Nicholas avenue and West 123d street, New York City.

PERHAPS the St. Paul *Pioneer Press* will enlighten us as to the identity of the "Captain E. Zendenigins, U. S. A.," who is reported to have been at the Ryan Hotel with Maj.-Gen. Miles Nov. 6.

COLONEL J. W. BARLOW, U. S. A., chief engineer in charge of the Tennessee River improvements, formally declared the Muschel Shoals canals open for commerce on Monday of this week. Chattanooga is delighted.

WE are indebted to a Fort Supply correspondent for a copy of the handsome programme used on the occasion of the complimentary hop given Nov. 4 at the post named in honor of Capt. F. E. De Courcy, 13th U. S. Infantry.

THE engagement is announced of Miss May F. Counsellman, of this city, to Lieut. Chas. D. Rhodes, 6th U. S. Cavalry. Miss Counsellman is the daughter of Mrs. Wm. Bird. The wedding will take place in December.—*Philadelphia Inquirer*.

HENRY BRUCE, the author of the "Life of General Oglethorpe," which is published by Dodd, Mead and Co., in their new series, "Makers of America," notes the interesting fact that Boswell, Dr. Johnson's biographer, at one time actually collected materials for a life of the founder of Georgia.

THE Brockford (N. Y.) *Republic* says: "Capt. S. R. Stafford, U. S. A., contemplates ere long either making some very material improvements in his present residence on College street or of moving that out of the way for an entirely new and more complete and stylish one, with all the modern improvements."

THE regular monthly meeting of the New York Ohio Society took place Nov. 10, and the committee reported the following to be voted upon at the annual meeting, Nov. 29: President, General Wager Swayne, U. S. A.; vice-presidents, Wm. L. Strong, J. Q. A. Ward, Thos. Edison, C. N. Hoagland, and Geo. Milmine; secretary, Judge Warren Hixley; recording secretary, Edward B. Bruce; treasurer, Leander H. Crali.

THE San Francisco papers speak of a delightful reception tendered by Capt. J. J. O'Connell, U. S. A., inspector of State troops, to the officers of the National Guard. The affair took place at Angel Island. The guests, after a delightful sail on the bay, touching at various points of interest, landed at the island, where an elaborate collation was served at Capt. O'Connell's quarters. Mrs. O'Connell and her debutante daughter, Miss Mary LeBoutillier O'Connell, and their residence in California most delightful, and their constant courtesies and lavish hospitality extended to visitors to "the coast" from Cincinnati, is one of the pleasant memories that returning tourists dwell upon.—*Com. Gazette*.

CAPTAIN L. H. RUCKER, 9th U. S. Cavalry, is a recent visitor in Omaha, Neb.

SECRETARY OF WAR PROCTOR was expected in St. Louis this week on a short tour of inspection.

LIEUTENANT CARL REICHMAN, 24th U. S. Infantry on leave from Arizona, is soon to be married.

GENERAL THOMAS H. RUGER and Lieut. Woodruff, A. D. C., are on a tour through Northern and Southern Dakota.

CAPTAIN THOS. WILHELM, 8th U. S. Infantry, left Fort Washakie, Wyo., this week to spend until February next on leave.

CAPTAIN P. H. REMINGTON, 19th U. S. Infantry, who has been visiting at Newburgh, N. Y., has had his sick leave extended indefinitely.

COLONEL M. I. LUDINGTON, U. S. A., left Washington, D. C., this week on a visit to the West, and is expected to return towards the end of November.

THE Retiring Board at San Antonio to examine Major Gerald Russell, 5th U. S. Cavalry, has completed its labors, and the papers have gone to Washington.

G. K. WARREN POST, G. A. R., of Brooklyn, is raising a fund to perpetuate in bronze the memory of the late Major-Gen. Gouverneur Kemble Warren, U. S. A.

LIEUTENANT Q. O'M. GILLMORE, 8th U. S. Cavalry, will arrive in New York in a few days to enter upon a tour of torpedo instruction at Willets Point, N. Y.

LIEUTENANT F. L. WINN, 1st U. S. Infantry, and bride, are expected at Angel Island, Cal., next week, from a short wedding tour. A hearty reception awaits them.

COLONEL H. CLAY WOOD, U. S. A., arrived in New York City on Wednesday, and has duly entered upon duty at the headquarters of the recruiting service, Army Building.

MAJOR-GENERAL O. O. HOWARD, U. S. A., and staff will attend the launching of the U. S. armored cruiser *Maine* at the Brooklyn Navy-yard on Tuesday, Nov. 13, at 2 P. M.

LIEUTENANT SAMUEL RODMAN, Jr., 1st U. S. Art., who was expected at Staten Island this week for duty with MacMurray's battery, will remain for the present at Fort Columbus.

THE engagement is announced of Lieut. E. F. Taggart, 6th U. S. Infantry, and Miss Grace V. Culver, daughter of the late Charles Culver of the Chicago Board of Trade.—*Omaha Excelsior*.

THE death of Captain Hayden De Lany, 9th U. S. Infantry, promotes 1st Lieut. James McB. Stembel to captain, and makes it incumbent upon Colonel Bartlett to appoint a new regimental adjutant.

GENERAL HORATIO C. KING will lecture in behalf of the Grant Monument Fund at the Pilgrim Congregational Church, Madison Avenue and 121st Street, New York City, on the evening of Nov. 25.

LIEUTENANT C. R. WHEELER, 5th U. S. Artillery, an able young officer, recently at Fort Schuyler and now at Fort Monroe, will come to New York in December to be examined for transfer to the Ordnance Department.

GENERAL GREELY, in his annual report, highly compliments Major W. J. Volkmar, U. S. A., for his efforts in connection with the successful establishment and maintenance in the Department of Arizona of an elaborate system of heliograph signaling.

MAJOR J. V. D. MIDDLETON, Surgeon, U. S. A., will no doubt be surprised to learn from the *Omaha Bee*, if he reads it, that he "is the only officer to be retired this year, the date being Dec. 15." We are glad to know, however, that the esteemed doctor has still over eight years of service in front of him, and we hope his sixty-fourth birthday, Dec. 15, 1898, may find him as hale and hearty as he is now.

A DISTINGUISHED party was at the Dayton Home, Ohio, on Saturday last: Gen. and Mrs. Franklin, of Connecticut; Gen. and Mrs. Sewell, of New Jersey; Gen. and Mrs. Black, of Illinois, and Gen. McMahon, of New York. The party from Dayton go on a tour of inspection to the Marion Branch, and thence West to the Pacific Coast. Gen. McMahon was elected member of the New York Assembly on Nov. 4.

THE Vancouver *Independent* says: Lieut. Schofield, 4th Cav., has returned from Fort Townsend, and expresses himself much pleased with the sound country. Capt. Rudolph G. Ewert, assistant surgeon, U. S. A., has arrived at Vancouver Barracks. Col. B. J. D. Irwin, surgeon, U. S. A., is expected here in a few days for duty as med.-director. Several very pleasant dinner parties and a hop were given in the garrison during the past week in honor of visiting officers, members of the general court-martial.

HIRAM S. MAXIM, electrician, inventor and manufacturer, who has been spending some weeks in the United States, returned to England by the *Teutonic* on Wednesday. Mr. Maxim's large shops at Crayford, a few miles out of London, are admirably equipped for the production of his machine and rapid-fire guns, and their full resources are demanded to execute the contracts with Great Britain and the principal continental powers. Mr. Maxim's residence, Stonyhurst, near his armory, which he purchased two or three years ago, was the family seat of the great Lord Chancellor Thurlow.

"MANY happy returns of the day" to Chaplain Daniel Kendig, U. S. A., born Nov. 10; to Col. E. I. Bailey, U. S. A., born Nov. 14; to Major J. H. Gilman, U. S. A., born Nov. 11; to Gen. Thos. M. Vincent, U. S. A., born Nov. 15; to Lieut.-Col. T. C. Sullivan, U. S. A., born Nov. 14; to Major W. E. Waters, surgeon, U. S. A., born Nov. 15; to Lieut.-Col. H. S. Hawkins, born Nov. 13; to Capt. W. H. Boyle, 21st Inf., born Nov. 13; to Capt. McC. Wilkinson, 3d Inf., born Nov. 14; to Capt. W. Gerlach, 3d Inf., born Nov. 15; to Major G. J. Lydecker, C. E., born Nov. 15; to Lieut.-Col. R. H. Hall, 6th Inf., born Nov. 15; to Major D. G. Caldwell, surgeon, born Nov. 12; to Capt. H. C. Cushing, 4th U. S. Art., born Nov. 5.

LIEUTENANT T. H. ECKERSON, 19th U. S. Infantry, on leave from Fort Brady, Mich., is visiting friends in Washington, D. C.

LIEUTENANT W. S. ALEXANDER, 4th U. S. Artillery, who has been on leave since August last, was expected this week at Fort Adams, R. I., for duty with Cushing's light battery.

CAPTAIN J. B. CAMPBELL, 4th U. S. Artillery, commandant of Jackson Barracks, took his battery to Fort St. Philip, La., this week for a season of heavy artillery practice. Capt. W. L. Kneidler, assistant surgeon, U. S. A., went with the battery to attend to the health of the troops.

GENERAL AND MRS. MORROW gave a dinner to Mr. Lloyd Brooke, of Portland, Oregon, the father of Mrs. Parke of the garrison of Fort Sidney, on Saturday. Besides Mr. Brooke the guests were: Mrs. McFarland, Mrs. Tesson, Lieut. Parke, Capt. and Mrs. Epstein.—*Sidney Telegraph*.

PROMINENT among the veterans in the United Service Club are Gen. Henry A. Barnum, Gen. W. W. Averill, Gen. Henry E. Davies, Gen. John P. Hatch, Gen. Martin T. McMahon, Gen. John F. Milbau, Gen. Edward L. Molneux, and Gen. Frank Wheaton.—*New York Times*.

COLONEL EDMUND RICE, U. S. A., is seriously ill at Columbus Barracks, where he is stationed. Mrs. Rice was Miss Lizzie Huntington, of Cincinnati, daughter of the late J. C. Huntington, of West 8th st. It is hoped by their many friends that the colonel's illness will speedily take a favorable turn.—*Com. Gazette*.

ONE of the fashionable events in San Francisco last week was the marriage of Miss Dora Boardman to Lieut. Frank L. Winn, U. S. A., in the First Congregational Church. It was followed by a reception at the residence of the bride's parents. Lieut. L. H. Strother, U. S. A., was best man, and the ushers were Lieuts. Faison, Tripp, Stevens, and Nolan, U. S. A.

The statue to the memory of Wm. Denning, the manufacturer of the cannons used in the War of the Revolution, was unveiled at Newville, near Harrisburg, last week. Upon the granite base is the following inscription: "Erected by the State of Pennsylvania in memory of WILLIAM DENNING, the patriotic blacksmith and forger of wrought-iron cannon during the Revolutionary War. Born 1737. Died 1830."

ONE of the pleasantest events in the history of the Fellowship Club, New York City, was the dinner given last Saturday evening. Among the guests were Henry M. Stanley, Francis M. Scott, Chauncey M. Depew, Hamilton Aide, Joel B. Erhardt, F. J. Glave, Wayne MacVeach, W. C. Chubb, Jos. H. Choate, Gen. A. W. Greely, U. S. A.; Senator Hanley, Mr. Jephson, of the Stanley Expedition; J. Russell Young, of the N. Y. Herald; Col. Finley Anderson, I. L. Rice, Chas. R. Flint, Fredk. Taylor, and Talcott Williams. The club is composed in the main of journalists, and as no reporting of the speeches is allowed they are always exceptionally excellent in quality. It is rare to witness such a contest of wits.

FROM West Point a correspondent, "Wax," writes saying: "Mr. Louis Benz, a grandson of 'Old Ben,' the Hugler, and who for more than twenty years has been a musician in Co. E, Engineers, at this post, was married on Tuesday, Nov. 4, at Sing Sing, N. Y., to Mrs. Laura Hecker, a handsome young widow of that place. A reception followed at the residence of the bride's mother, after which the happy couple started on their wedding tour to Kingston, N. Y. Mr. Benz and his bride will reside at Highland Falls, N. Y., where they have hired a suite of handsomely furnished rooms. Mr. Benz is also credited with being the author of a book entitled 'Twenty Years a Field Musician,' but none of these books have yet appeared in print. In 1863, when his country was in need of assistance, Mr. Benz, then a mere lad of thirteen years of age, joined the Union forces, and has been almost constantly in the Army since then."

"ONE of the most beautiful weddings of the season was celebrated at St. Xavier's Church, Nov. 5, at 5 o'clock," says the *St. Louis Republic*, "the parties being Miss Laura Green, daughter of Mr. and Mrs. James Green, and Lieut. W. T. Littebrant, of the 10th Cavalry, U. S. A. It was essentially a military wedding. The bridesmaids were Misses Marie Peugnet, Nettie Wherry, Lizzie Garth and Mabel Green. The groom was attended by his best man, Lieut. A. Perry, of Fort Leavenworth, the groomsmen being Capt. J. M. Kelley, of Ft. Apache, and Lieut. Brown, of Gen. Merritt's staff. The ushers were Will Finlay, Peyton Carr, Bert Farrar and Wyeth Shallcross. The bride, a slender, graceful, blonde, wore a most exquisite gown of white Canton crepe, richly embroidered in roses and finished with Valenciennes lace, the long veil fastened to the hair with pearl pins. Her only jewelry was a necklace of fine gold, with a pendant Marguerite of pearls, the gift of the groom."

CHIEF ENGINEER G. H. WHITE, U. S. N., was a visitor this week in Philadelphia.

REAR ADMIRAL J. H. UPSHUR, U. S. N., registered at the Clarendon Hotel, New York, on Wednesday.

COMMANDER F. M. BARBER, U. S. N., sailed for France on Saturday last on the steamer *La Champagne*.

P. A. SURGEON M. H. CRAWFORD, U. S. Navy, has been visiting relatives and friends at Mt. Meridian, Virginia.

LIEUTENANT THOS. C. MCLEAN, U. S. N., has received orders to go abroad on a special mission for the Navy Ordnance Bureau.

CAPTAIN F. B. DAVIS, U. S. R. M., in command of the *Johnson* at Milwaukee, is a brother of the late Gen. Edwin P. Davis, U. S. V.

LIEUTENANT-COMMANDER AND MRS. J. G. EATON, U. S. N., have taken apartments for the winter at 140 Marlborough street, Boston, Mass.

MRS. CHANDLER, widow of the late Rear Admiral Chandler, and Miss Chandler are passing the winter at 124 Hicks st., corner Clark, Brooklyn, N. Y.

PAYMASTER G. C. GOODLOW, U. S. Marine Corps visited New York on Thursday.

Mrs. S. P. Stow, and Miss Stow, of San Francisco, have been passing a fortnight at the Naval Academy as guests of Lieut. and Mrs. E. K. Moore.

SURGEON THOS. OWENS, Naval Constructor F. L. Fernald, Lieut. W. R. Harris and Paymr. H. S. B. Harris registered at the Navy Department this week.

THE opening hop of the season took place at the Norfolk Navy-yard Nov. 6 and was largely attended. Mrs. Norton received, assisted by Mrs. Eldredge.

CIVIL ENGINEER ROBERT E. PEARY, U. S. N., opened the lecture course of the University of Pennsylvania on Monday, with a lecture describing his explorations in Greenland.

P. A. ENGINEER GEORGE W. BAIRD and Asst. Engineer A. P. Norton, U. S. N., have been appointed a board to examine candidates for appointment as assistant engineer in the War Department.

CHIEF ENGINEER A. HENDERSON and Assistant Engineers W. M. McFarland, C. A. Carr, F. M. Bennett, and J. C. Leonard were in Richmond, Va., this week at the annual meeting of the American Society of Mechanical Engineers.

THE office of the secretary and treasurer of the Navy Mutual Aid Association, Paymr. Frailey, has been moved from the Record Room of the Secretary of the Navy's office to the first floor, south wing, of the State, War and Navy Department Building, adjoining the Surgeon-General's Office.

LIEUTENANT COMMANDER GEO. C. REITER, U. S. N., lately detached from the *Ranger*, has arrived in New York, and will shortly report to the Secretary of the Navy for consultation in regard to the revolution in Central America. It is thought probable that he will shortly be ordered before a retiring board.

AT a meeting of the daughters of the American Revolution held in Washington, Nov. 11, Mrs. Harrison, president of the society, was present and assisted in receiving the members and guests. The election of Mrs. James K. Polk, Mrs. Thomas A. Hendricks and Mrs. Admiral Porter as honorary vice-presidents of the new organization was announced.

THE return to Washington of P. Asst. Engineer Harrie Webster after a three years' cruise on the Pacific Station was one of the pleasant occurrences of the week to his many old friends around the Navy Department. He arrived Nov. 9. As previously stated in the JOURNAL, he is to be assigned to duty in the Bureau of Steam Engineering Jan. 1, relieving Asst. Engr. Norton, who will soon receive orders to the coast survey steamer *Blake*.

A WASHINGTON gossip writes: "Miss Elena Porter, daughter of Admiral Porter, will be married about the first of December to Mr. James Campbell, of the State Department. Everybody wishes the faithful lovers the best of luck, and it is safe to say that no wedding of the season will be attended with as much interest. Lieut. Lemly, another popular society man, will be married in December up in Maine. His bride will be Miss Milliken, a niece of Representative Milliken."

LIEUTENANT A. G. BERRY and his command of 165 seamen, marines, and apprentices left the New York Navy-yard Nov. 10 for San Francisco. The men composed the largest single draft made upon the New York station in several years and go to the Mare Island yard to fill the complement of the new cruiser *San Francisco*. Accompanying Lieut. Berry are Lieuts. W. C. Babcock and T. M. Potts, Ensigns S. H. Reid and C. B. Morgan, Asst. Engr. G. W. McElroy, Asst. Surg. Spratling, and Lieut. of Marines R. Wallace.

REAR ADMIRAL A. E. K. BENHAM, now commanding the Mare Island Navy-yard, is mentioned as a probable successor to Rear Admiral Geo. E. Belknap in command of the Asiatic Station next spring, when the latter will be ordered home. It is understood that the assignment would be particularly agreeable to him. Should Rear Admiral Harmony be given the European squadron, as rumored some time ago, there is little doubt that Rear Admiral Benham will go to the Asiatic Station, for it has been understood for some time past that the command rested between these two officers.

"MANY happy returns of the day" to Lieutenant Commander G. B. Livingston, U. S. N., born Nov. 12; to Capt. James O'Kane, U. S. N., born Nov. 15; to Lieut.-Comdr. A. Walker, U. S. N., born Nov. 13; to Lieut. C. H. Arnold, U. S. N., born Nov. 14; to Lieut. W. M. Irwin, U. S. N., born Nov. 13; to Lieut. E. H. Hoxley, U. S. N., born Nov. 9; to Lieut. W. S. Hogg, U. S. N., born Nov. 11; to Lieut. H. C. Wakenshaw, born Nov. 12; to Lieut. W. H. Allen, U. S. N., born Nov. 9; to Lieut. J. B. Bernadou, born Nov. 14; to Lieut. F. A. Huntton, U. S. N., born Nov. 14; to Medical Director N. L. Bates, born Nov. 10; to P. A. Surg. H. B. Scott, born Nov. 14.

MEDICAL DIRECTOR DELAVAN BLOODGOOD, U. S. Navy, while returning to his home in Brooklyn early on Sunday morning last was "sandbagged and robbed of his gold watch and pocketbook." He had been visiting in New York City, crossed the bridge and while walking quietly towards his home in Brooklyn was approached from behind and struck violently over the head and felled to the sidewalk, being unconscious for nearly two hours. A young man discovered him and took him home. Medical Director Gibson was summoned and found that Dr. Bloodgood had been struck on the back of the head near the base of the skull. Our latest information is that the genial doctor is recovering, which will be good news for his many friends in and out of the Navy.

THE successorship to Naval Constructor T. D. Wilson, who will complete his second term as Chief of the Bureau of Construction and Repair on Dec. 15 next, is an important topic in naval circles nowadays. In the light of the very positive assertion made by the Secretary of the Navy some time ago that he would not appoint any officer for a third term, the present head of the bureau, who would otherwise be a very strong candidate for reappoint-

ment, may now be regarded as out of the race. Further than this Secretary Tracy has not indicated what course he will pursue in the matter, but it is the opinion of nearly everybody at the Navy Department that Naval Constructor Philip Hichborn will be the next chief of the bureau. Under the law the selection is limited to the five officers above the rank of lieutenant—Wilson, Hichborn, Fernald, Mintonye and Steele—all capable men in their profession. The former being out of the race, Naval Constructor Hichborn has seniority in his favor, which fact, coupled with his recognized qualifications for the office and personal popularity in and out of the service, makes him a most formidable candidate for the important office. His strongest rival is said to be Naval Constructor Fernald, but as the matter now stands the consensus of opinion is that Mr. Hichborn has the advantage.

RECENT DEATHS.

THAT gallant soldier, Brevet Brig.-Gen. David B. McKibbin, major U. S. Army, retired, of a family of fighting soldiers, died Nov. 8, at the Garfield Hospital, Washington, D. C., where he had been treated for some weeks past for malignant cancer. The deceased officer entered the Military Academy in 1846, left in 1848 before graduation, and in 1855 was appointed a 2d lieutenant of the 9th U. S. Inf. When the war broke out he was promoted to a captain of the 14th U. S. Infantry, and in November, 1862, accepted the colonelcy of the 158th Pennsylvania Infantry. In 1865 he accepted the colonelcy of the 214th Pennsylvania Infantry. His gallantry during the war was conspicuous, and he received brevets therefor from major to brigadier general. When the war closed he resumed duty with the Regular Army, was promoted major 10th Infantry in 1867, was unassigned in 1869, in 1871 was assigned to the 10th Cavalry, and on May 31, 1875, was retired on account of disability incurred in the line of duty. Such is a brief summary of the distinguished services of this accomplished soldier. The funeral took place on Tuesday, the remains being interred with due honors in the Arlington National Cemetery, the troops from Fort Myer and Washington Barracks participating.

WE reserve until another week a notice of that gallant veteran, Rear Admiral Charles Steedman, U. S. Navy, whose death occurred at his residence in Washington on Thursday of this week, in the 80th year of his age. We recall Admiral Steedman when we sailed with him on the *Blenville* twenty eight years ago, bearing to Washington the welcome news of the capture of Port Royal by the naval forces under Commander Du Pont. Another useful and honored career is thus ended. The funeral services will be held at St. John's Church, Washington, Monday next, and the remains will be taken to Boston for interment.

CAPTAIN JOSEPH CLARK CLIFFORD, Ordnance Department, U. S. A., died at Cromwell, Conn., Nov. 12, being at the time under treatment for affection of the brain. Capt. Clifford was a graduate from Amherst College, and in 1862, then a youth, joined the 42d Massachusetts Volunteers. When the war closed he was appointed a 2d lieutenant in the Ordnance Department, U. S. A., and attained the grade of captain April 14, 1875. He leaves a widow and two children. In the death of Capt. Clifford the Ordnance Department has lost a valuable officer.

CAPTAIN HAYDEN DE LANTY, 9th U. S. Infantry, who has been ailing for some time past and on sick leave, died at Los Angeles, Cal., Nov. 4. He served from 1861 to 1865 in the 30th Ohio Volunteers, entered the Military Academy July 1, 1865, but left in 1867, before graduation. He was appointed 2d lieutenant, 9th U. S. Infantry, Sept. 11, 1867, and attained the rank of captain Sept. 23, 1889. Many friends will sincerely mourn his death.

REV. P. L. CARDEN, father of Lieut. G. L. Carden, U. S. R. M., died at his home, Red Bluff, Cal., Nov. 9. He was a William's College man, among his associates being such college graduates as the late Pres., General Garfield, the present Gov. S. C. Armstrong, of the Hampton, Va., Indian School, and Paymasters Stewart and Thompson of the Navy. On the breaking out of the war, he, with Gov. Armstrong raised the 125th N. Y. Vol., and both held high commands with this regiment in service. On the close of the war he spent several years in farther India. The deceased gentleman held some of the highest offices in the General Presbytery of the Presbyterian church in America, and at the time of his death was widely known and respected throughout the whole length of the Pacific Coast.

Mrs. J. W. DEKRAFT, brother of the late Rear Admiral J. C. P. DeKraft, U. S. N., died in Washington Nov. 10, after a brief illness. He was 74 years old, and had been connected with the General Land Office, Department of the Interior, serving in many capacities for many years.

MRS. BELL, widow of Rear Admiral Charles H. Bell, U. S. N., died Nov. 11, at New Brunswick, N. J. She was 90 years of age, and had been in feeble health for a long time. Admiral Bell died in 1875.

LIEUTENANT W. B. ARRAITS, U. S. N., retired, died at Philadelphia Nov. 9. The funeral took place on Tuesday and was largely attended.

THE ARMY.

BENJAMIN HARRISON, *President and Commander-in-Chief.*

REDFIELD PROCTOR, *Secretary of War.*

LEWIS A. GRANT, *Assistant Secretary of War.*

G. O. 131, H. Q. A., Nov. 1, 1890.

Publishes the following:

WAR DEPARTMENT, WASHINGTON, Oct. 2, 1890.

The regulations for the government of the Military Prison at Fort Leavenworth, Kansas, published in General Orders, No. 5, February 4, 1888, Headquarters of the Army, Adjutant-General's Office, have been amended upon the recommendation of the Board of Prison Commissioners, and are, together with the laws relating to the prison, republished as amended. They will be strictly enforced and obeyed.

Subject to the laws and regulations the prison will constitute an independent military post under the immediate command of the Major-General Commanding the Army.

REDFIELD PROCTOR, Secretary of War.
By command of Major-Gen. Schofield:
CHAUNCEY MCKEEVER, Act. Adjt.-General.

STAFF CORPS AND DEPARTMENTS.

General Officers.

Brig.-Gen. Ruger, Department Commander, accompanied by 1st Lieut. Thomas M. Woodruff, aide-de-camp, will proceed to Fort Yates, Bennett and Sully and other points, to carry out the instructions of the Division Commander (S. O. 161, Nov. 8, D. Dak.).

Quartermasters and Subsistence Departments.

Major Edwin B. Atwood, Q. M., having reported, is assigned to duty as depot Q. M. at Boston, Mass., to relieve Major Lewis C. Forsyth, Q. M. (S. O. 265, Nov. 7, Div. A.).

Lieut.-Col. Marshall I. Ludington, D. Q. M. G., will proceed to Omaha, Neb.; Fort Thomas and Louisville, Ky.; and St. Louis and Jefferson Barracks, Mo., on business (S. O., Nov. 10, H. Q. A.).

Pay Department.

Major John C. Muhlenberg, paymr., will proceed on a public business from Vancouver Barracks to Portland, Ore. (S. O. 136, Nov. 3, D. Columbia.).

Medical Department.

Leave for one month is granted Lieut.-Col. Dallas Bache, surg., med. dir. (S. O. 82, Nov. 1, D. Platte.).

The leave granted Major Stevens G. Cowdrey, surg., is extended 15 days (S. O., Nov. 10, H. Q. A.).

The extension of leave on account of sickness granted Major Henry McElderry, surg., is further extended two months on surgeon's certificate (S. O., Nov. 10, H. Q. A.).

The following changes in the stations of enlisted men of the Hospital Corps are made: Hospl. Stwd. Thomas Hill will be relieved from duty at Ft. Riley, Kas., and will proceed to Fort Ontario, N. Y.; Pvt. William F. Hatfield, act. hospl. stwd., from Ft. Missoula, Mont., to Fort Sully, S. D. (S. O., Nov. 12, H. Q. A.).

Engineer and Ordnance Departments.

Leave for six months on surgeon's certificate, to take effect upon his being relieved from his present duties by Capt. Charles F. Powell, C. E., is granted 1st Lieut. Hiram M. Chittenden, C. E. (S. O., Nov. 8, H. Q. A.).

The following officers will report to Col. Henry L. Abbot, C. E., President Engineer Examining Board, in New York City, for examination for promotion: Capt. John C. Mallory and Clinton B. Sears, 1st Lieuts. Gustav J. Flebeger, Oberlin M. Carter and George W. Goethals, and 2d Lieuts. Francis R. Shunk and Eugene W. Van C. Lucas (S. O., Nov. 7, H. Q. A.).

2d Lieut. James J. Meyler, C. E., will report to Col. George H. Mendell, C. E., President Engineer Examining Board in San Francisco, for examination for promotion (S. O., Nov. 7, H. Q. A.).

The extension for one day of the leave granted 1st Lieut. Oberlin M. Carter, C. E., is confirmed (S. O. 77, Nov. 7, C. E.).

Leave for one month on surgeon's certificate is granted Capt. Joseph C. Clifford, O. D. (S. O., Nov. 7, H. Q. A.).

So much of S. O. 247 as relieves Capt. Joseph C. Clifford from duty at the National Armory, Springfield, Mass., and assigns him to the command of the St. Louis Powder Depot, is revoked. Major John A. Kress is relieved from duty at Rock Island Arsenal, and will proceed to the St. Louis Powder Depot, Jefferson Barracks, and assume command, relieving Major John G. Butler, who will then proceed to comply with his orders assigning him to the command of the Augusta Arsenal, Augusta, Ga. (S. O., Nov. 7, H. Q. A.).

The veteran Ord. Sergt. Leodegar Schnyder, U. S. A., was retired Nov. 12, after an active service of over 50 years. The old man was recently ordered from Fort at Clark's Point, Mass., to San Carlos, but, not caring for so long a journey at this season of the year, preferred the "otium cum dignitate" of the retired list. The veteran soldier has deserved well of his country.

Capt. Charles S. Smith, O. D., will proceed to the U. S. proving ground, Sandy Hook; the Watervliet Arsenal, and the Builders' Iron Foundry, Providence, R. I., on public business in connection with the manufacture and tests of guns (S. O., Nov. 8, H. Q. A.).

Lieut.-Col. Joseph P. Farley, O. D., will proceed to the steel works of Johnson and Co., Spuyten Duyvil, N. Y., on public business in connection with the inspection of steel projectiles; and to the New Jersey Steel and Iron Works, Trenton, N. J., and the West Point Foundry, Cold Spring, N. Y., on business connected with the inspection of pneumatic dynamite guns (S. O., Nov. 10, H. Q. A.).

Capt. William Cziczier, O. D., will proceed to Sandy Hook, N. J., on public business in connection with the test of gun-carriages (S. O., Nov. 11, H. Q. A.).

S. O. 252, directing Ord. Sergt. Louis Liedinger to proceed to Ft. Assiniboine, is revoked (S. O., Nov. 10, H. Q. A.).

Ord. Sergt. Edwin C. Lickise will proceed to Fort Meade, S. D., for duty (S. O., Nov. 10, H. Q. A.).

Signal Corps.

The instructions from 2d Lieut. Frank W. Ellis, directing 1st Class Private Frederick W. Krichelt, S. C., to proceed to Raleigh, N. C., for temporary duty, are confirmed. Upon the return of Sergeant Charles F. von Herrmann to duty at Raleigh, Pvt. Krichelt will return to Norfolk (S. O. 147, Nov. 6, Sig. Office.).

Chaplains.

Leave for one month, on surgeon's certificate, is granted Post Chaplain S. M. Merrill (S. O. 157, Nov. 10, Dept. Mo.).

THE LINE.

The Stations of Companies not mentioned here will be found by reference to last number of the JOURNAL.

1st Cavalry, Colonel James S. Brislin.

Hdqs., B, D, E, and G, Ft. Custer, Mont.; I, Ft. Leavenworth, Kas.; C, F, and H, Ft. Assiniboine, Mont.; A and K, Camp Sheridan, Wyo.

1st Lieut. Jacob G. Galbraith, having reported from Davenport, Iowa, will establish a temporary recruiting rendezvous at that point (S. O. 214, Nov. 3, Rec. Ser.).

Leave for one month, to take effect about Nov. 20, is granted 1st Lieut. Samuel C. Robertson, Fort Custer (S. O. 158, Nov. 3, D. Dak.).

The leave granted Capt. Henry Wagner is extended two months (S. O., Nov. 11, H. Q. A.).

2nd Cavalry, Colonel David R. Clendennin.

Hdqs., D, and H, Ft. Lowell, Ariz.; B, C, G, and I, Ft. Huachuca, Ariz.; A, E, and K, Ft. Bowie, Ariz.; F, Ft. Leavenworth, Kas.

The C. O. Fort Huachuca will grant Sergt. Franklin Martin, Troop C, a furlough for six months (S. O. 114, Oct. 29, D. Ariz.).

3rd Cavalry, Colonel Albert G. Brackett.

Hdqs., and G, Ft. McIntosh, Tex.; F, Ft. Davis, Tex.; D, H, I, and K, Ft. Sam Houston, Tex.; C, Ft. Ringgold, Tex.; B, St. Brown, Tex.; A, Camp at Eagle Pass, Tex.; E, Camp Pena Colorado, Tex.

The leave granted Capt. George A. Dodd is extended two months (S. O., Nov. 8, H. Q. A.).

1st Lieut. Tyree R. Rivers will proceed to Fort Davis and report to 2d Lieut. James E. Norrmoyle, 231 Inf., J.-A. of G. C.-M., as witness (S. O. 97, Nov. 8, D. Tex.).

Capt. G. A. Dodd is relieved as member of the Board of Survey at Philadelphia (S. O., Nov. 11, H. Q. A.).

Leave for three days is granted 1st Lieut. James O. Mackay, recruiting officer (S. O., Nov. 11, H. Q. A.).

4th Cavalry, Colonel Chas. E. Compton.

Hdqs., A, C, D, and H, Ft. Walla Walla, Wash.; I and K, Presidio of San Francisco, Cal.; G, Ft. Sherman, Idaho; E, Vancouver Bks., Wash.; F, Boise Bks., Idaho; B, Ft. Myer, Va.

The extension of leave of absence granted 1st Lieut. Abiel L. Smith, regimental Q. M., is further extended six months (S. O., Nov. 12, H. Q. A.).

The C. O. Fort Walla Walla will grant a furlough for three months to Blacksmith John M. Elliott, Troop A (S. O. 135, Nov. 3, D. Columbia.).

5th Cavalry, Colonel James F. Wade.

Hdqs., B, C, G, and K, Ft. Reno, Okh. T.; E and H, Ft. Riley, Kan.; D, Ft. Sill, Okh. T.; A and F, Ft. Supply, Ind. T.; I, Ft. Leavenworth, Kas.

Leave for one month is granted Col. J. F. Wade (S. O. 154, Nov. 5, Dept. M.).

Leave for one month, to take effect about Nov. 15, is granted 1st Lieut. H. W. Wheeler (S. O. 155, Nov. 6, Dept. M.).

The verbal instructions directing 1st Lieut. Eben Swift to transfer to Major Wirt Davis the property for which he was responsible as acting engineer officer are confirmed (S. O. 156, Nov. 8, Dept. M.).

1st Lieut. H. London is detailed member of the Board of Survey at Philadelphia (S. O., Nov. 11, H. Q. A.).

Sergt. Jacob Leigebert, Troop A, Fort Leavenworth, and Sergt. Thomas O'Brien, Troop H, Fort Reno, will be sent to join their respective stations (S. O. 154, Nov. 5, Dept. M.).

6th Cavalry, Colonel Eugene A. Carr.

Hdqs., A, C, E, F, H, and K, Ft. Wingate, N. M.; I, Ft. Lewis, Colo.; D, Ft. Stanton, N. M.; B, Ft. Myer, Va.; G, Ft. Union, N. M.

Sergt. John J. Sweeney, Troop M, Fort Lewis, is transferred to Troop B, and will be sent to Fort Myer (S. O. 157, Nov. 10, Dept. M.).

7th Cavalry, Colonel James W. Forsyth.

Hdqs., A, B, C, D, E, G, I, and K, Ft. Riley, Kas.; F and H, Ft. Sill, Okh. T.

1st Lieut. William W. Robinson, Jr., will repair without delay to Jefferson Barracks, Mo., and report for duty at that depot (S. O., Nov. 10, H. Q. A.).

8th Cavalry, Colonel Elmer Otis.

Hdqs., A, B, C, D, and I, Ft. Meade, S. D.; H and K, Ft. Keogh, Mont.; E, Ft. Buford, N. D.; F and G, Ft. Yates, N. D.

The C. O. Fort Buford will grant Sergt. Jacob J. Wurfel, Troop E, a furlough for three months (S. O. 160, Nov. 5, D. Dak.).

The C. O. Fort Yates will send Sergt. Benjamin Itzkovetoh, Troop C, to Fort Meade (S. O. 160, Nov. 5, D. Dak.).

We are indebted to Sergt.-Major M. Benjamin for a copy of the October roster of the N. C. O. of the 8th Cavalry. There are 116 in all, and some of them veterans of long and faithful service.

9th Cavalry, Colonel Joseph G. Tilford.

Hdqs., B, F, I, and K, Ft. Robinson, Neb.; A and G, Ft. Niobrara, Neb.; D and H, Ft. McKinney, Wyo.; E, Ft. Washita, Wyo.; C, Ft. Leavenworth, Kas.

The following transfers are ordered: 2d Lieut. Guy H. Preston, from Troop I to Troop L; 2d Lieut. Alexander W. Perry, from Troop L to Troop I (S. O., Nov. 10, H. Q. A.).

Capt. Louis H. Rucker, Fort Du Chesne, will report at Dept. Hdqs. for duty in connection with the purchase of horses (S. O. 84, Nov. 7, D. Platte.).

Senior Vet. Surg. John Tempamy, Fort Robinson, will proceed to Omaha and report for duty in connection with the purchase of a lot of horses for the 9th Cav. (S. O. 84, Nov. 7, D. Platte.).

10th Cavalry, Colonel John K. Mizner.

Hdqs., C, F, and G, Ft. Grant, A. T.; B, E, H, and I, Ft. Apache, A. T.; K, Ft. Thomas, A. T.; A, San Carlos, A. T.; D, Ft. Bayard, N. M.

The leave granted Capt. Samuel L. Woodward is extended three months (S. O., Nov. 8, H. Q. A.).

The C. O. Fort Apache will grant Corpl. John

Buck, Troop B, a furlough for four months (S. O. 115, Nov. 1, D. Ariz.).

1st Artillery, Colonel Loomis L. Langdon.

Hdqs., A, G, I, and K, Ft. Hamilton, N. Y. H.; C, D, and L, Ft. Wadsworth, N. Y. H.; E, Ft. Riley, Kas.; B, H, and M, Ft. Columbus, N. Y. H.; F, Ft. Monroe, Va.

2d Lieut. William G. Haan is detailed as counsel for Pvt. John B. Davis, Bat. C, ordered for trial before a G. C.-M. at Fort Wadsworth (S. O. 267, Nov. 10, Div. A.).

The operation of par. 12, S. O. 254, transferring 2d Lieut. Samuel Rodman, Jr., from Bat. M to Bat. L, is suspended (S. O., Nov. 10, H. Q. A.).

2nd Artillery, Colonel John Mendenhall.

Hdqs., C, G, and H, Ft. Adams, R. I.; I, Ft. Trumbull, Conn.; E, Ft. Preble, Me.; B and D, Ft. Warren, Mass.; A, Ft. Riley, Kas.; F, Ft. Leavenworth, Kas.; J, Ft. Monroe, Va.; K and M, Ft. Schuyler, N. Y.

2d Lieut. Wm. S. Peirce will report to the board of ordnance officers at the Army Building, N. Y. City, Dec. 2, for examination with view to selection for transfer to the Ord. Dept. (S. O., Nov. 12, H. Q. A.).

3rd Artillery, Colonel Horatio G. Gibson.

Hdqs., A, C, E, H, K, and L, Washington Bks., D. C.; D, G, and I, Ft. McHenry, Md.; B and M, Ft. Monroe, Va.; F, Ft. Sam Houston, Tex.

The journey from Washington Barracks, D. C., to Fort McHenry, Md., performed Nov. 3 by 1st Lieut. John R. Williams, is approved for mileage (S. O. 268, Nov. 11, Div. A.).

Sergt. A. C. Clisham, Bat. E, indicted for stealing gunpowder from the barracks at Washington, appeared in the Criminal Court, Nov. 8, with his counsel, and entered a plea of not guilty. Clisham was the sergeant in charge of the magazine and was accused of the larceny last summer, but was acquitted by Court-martial.

5th Artillery, Colonel Alex. Piper.

Hdqs., B, C, D, F, F, H, and K, Presidio of San Francisco, Cal.; M, Ft. Mason, Cal.; E and L, Ft. Canby, Wash.; A and I, Alcatraz Island, Cal.; G, Ft. Monroe, Va.

2d Lieut. Charles B. Wheeler will report to the Board of Ordnance at the Army Building, N. Y. City, Dec. 2, for examination with view to selection for transfer to the Ord. Dept. (S. O., Nov. 10, H. Q. A.). The C. O. Fort Canby will grant a furlough for three months to Corpl. Charles N. Hays, Bat. L (S. O. 136, Oct. 30, D. Columbia.).

1st Infantry, Colonel William R. Shafter.

Hdqs., A, B, E, G, and H, Angel Island, Cal.; C and D, Benicia Bks., Cal.; F, Ft. Gaston, Cal.

Capt. William N. Tisdall, recruiting officer, Philadelphia, will proceed to Norristown, Pa., on duty in connection with the Recruiting Service (S. O. 209, Oct. 28, Rec. Ser.).

2d Lieut. Hampton M. Roach is assigned to duty at Fort Monroe, Va., for the period of six months, with a view to observation and treatment by the post surgeon (S. O., Nov. 8, H. Q. A.).

Capt. Robert G. Armstrong, now on leave in New York City, will report to conduct recruits to the Div. of Pacific, and then join his company (S. O., Nov. 10, H. Q. A.).

Capt. William N. Tisdall is detailed member of the Board of Survey at Philadelphia (S. O., Nov. 11, H. Q. A.).

2nd Infantry, Colonel Frank Wheaton.

Hdqs., A, B, C, D, E, F, G, and H, Ft. Omaha, Neb.

3rd Infantry, Colonel Edwin C. Mason.

Hdqs., A, D, E, G, and H, Ft. Snelling, Minn.; B, C, and F, Ft. Meade, S. D.

Leave for ten days is granted 2d Lieut. Haydu S. Cole (S. O. 158, Nov. 3, D. Dak.).

4th Infantry, Colonel William P. Carlin.

Hdqs., D, E, G, and H, Ft. Sherman, Idaho; A, B, and F, Ft. Spokane, Wash.; C, Boise Barracks, Idaho.

Major J. Ford Kent, A. I. G., will make the annual inspection at Fort Sully, Bennett, and Meade, and the troops in the field at Camp Cheyenne, S. D. (S. O. 160, Nov. 5, D. Dak.).

A neat roster of commissioned officers of the 4th Infantry, corrected until the end of October, reaches us this week. We note that the regiment has three officers "absent, awaiting retirement," viz., Lieuts. R. H. Young, Lewis Merriam, and G. N. Chase.

5th Infantry, Colonel Nathan W. Osborne.

Hdqs., B, and E, Ft. Bliss, Tex.; C and F, Ft. McIntosh, Tex.; A and G, Ft. Ringgold, Tex.; D, Ft. Brown, Tex.; H, Ft. Hancock, Tex.

Capt. T. F. Forbes is relieved as member of the Board of Survey at Philadelphia (S. O., Nov. 11, H. Q. A.).

6th Infantry, Colonel Melville A. Cochran.

Hdqs., F, and G, Ft. Thomas, Ky.; E, Newport Barracks, Ky.; A, Ft. Wood, N. Y. H.; B and D, Ft. Porter, N. Y.; C, Ft. Ontario, N. Y.; H, Plattsburgh Barracks, N. Y.

The temporary recruiting rendezvous at Augusta, Me., will be discontinued, and Lieut. Charles G. Morton, recruiting officer, will transfer the recruiting party to Portland, Me., and establish a temporary recruiting rendezvous at that point (S. O. 209, Oct. 28, Rec. Ser.).

1st Lieut. Richard E. Thompson, Act. Signal Officer, will report to Major Clifford Comly, Ord. Dept., member of the Board of Control and Management of the Government Exhibit to represent the War Department at the World's Columbian Exposition, for duty, for the purpose of preparing estimates for space-room, plans, etc., for the War Department exhibits (S. O., Nov. 8, H. Q. A.).

8th Infantry, Colonel August V. Kauts.

Hdqs., A, B, E, F, G, and H, Ft. Niobrara, Neb.; C and D, Ft. Robinson, Neb.

Leave for one month is granted Capt. Thomas Wilhelm, Fort Washakie, with permission to apply for an extension of two months (S. O. 82, Nov. 1, D. Platte.).

The leave for seven days granted Capt. William S. Worth, Fort Robinson, is extended one day (S. O. 84, Nov. 7, D. Platte.).

Leave for four months, to take effect about Dec. 5, is granted 1st Lieut. William A. Mercer (S. O., Nov. 11, H. Q. A.).

The C. O. Fort Niobrara will grant a furlough from Dec. 12, 1890, until March 11, 1891, to Sergt. George W. Perry, Co. H (S. O. 83, Nov. 5, D. Platte.).

Sergt. Charles H. Reiriden, Co. K, Fort Niobrara, is detailed for duty on recruiting service at New Haven, Conn. (S. O. Nov. 5, H. Q. A.)
A furlough for six months is granted Sergt. Franklin M. Bird, Co. C (S. O. 91, Nov. 6, Div. M.)

9th Infantry, Colonel Charles G. Bartlett.
Hdgrs., B. C. and F. Whipple Bks. A. T.; E. San Diego Bks. Cal.; A. T. Mojave, A. T.; D. Ft. McDowell, A. T.; G. Ft. Huachuca, A. T.; H. Ft. Verde, A. T.

1st Lieut. E. B. Robertson will proceed on public business from San Diego Barracks to Los Angeles, Cal. (S. O. 116, Nov. 4, D. Ariz.)

The C. O. Whipple Barracks will grant Sergt. George Kreissig, Co. I, a furlough for six months, with permission to go beyond sea (S. O. 114, Oct. 29, D. Ariz.)

10th Infantry, Colonel Henry Douglass.
Hdgrs., A. B. D. F. G. and H. Ft. Union, N. M.; E. Ft. Lewis, Colo.; F. Ft. Stanton, N. M.; A and F, Ft. Leavenworth, Kas.; G. Ft. Riley, Kas.

1st Lieut. Edward H. Plummer, R. Q. M., in addition to his present duties, will relieve Capt. John W. Summerhayes, A. Q. M., of his duties at Santa Fe, N. M., until Major Lewis C. Forsyth, Q. M., reports for duty (S. O. Nov. 10, H. Q. A.)

11th Infantry, Colonel Richard I. Dodge.
Hdgrs., A. B. D. F. G. and H. Madison Bks. N. Y.; C and E, Ft. Niagara, N. Y.

The leave for three days granted 2d Lieut. Thomas J. Watkins, Fort Niagara, is extended five days (S. O. 266, Nov. 8, Div. A.)

12th Infantry, Colonel Edwin F. Townsend.
Hdgrs., A. B. C. and D, Ft. Leavenworth, Kas.; G and H, Ft. Yates, N. D.; E. C. and D, Ft. Sully, S. D.; F, Ft. A. Lincoln, N. D.; A. Ft. Bennett, S. D.

2d Lieut. Willis Uline, Co. I, on duty at Hdgrs. of regiment, Fort Leavenworth, is attached to Co. G, Fort Yates, for duty, and will report accordingly (S. O., Nov. 10, H. Q. A.)

13th Infantry, Colonel Montgomery Bryant.
Hdgrs., E. B. and H. Ft. Supply, Ind. T.; G, Ft. Reno, Okh. T.; A and D, Ft. Sill, Okh. T.; F, Ft. Leavenworth, Kas.; C, Camp at Kingsfisher, Okh. T.

So much of S. O. 138 as directs the Camp at Kingfisher, O. T., to be broken up, and assigns Co. C to Fort Sill, is revoked. The camp will be continued until further orders (S. O. 155, Nov. 6, Dept. M.)

The journey from Fort Reno to Fort Sill, Oct. 24 and 25, and return, Oct. 29 and 30, 1890, performed by 2d Lieut. M. J. O'Brien, in obedience to summons to appear as witness before a C. C.-M., is approved (S. O. 156, Nov. 8, Dept. M.)

1st Sergt. Frank H. Russell, Co. I, Fort Elliott, is detailed for duty on recruiting service at Portland, Me. (S. O., Nov. 6, H. Q. A.)

14th Infantry, Colonel Thomas M. Anderson.
Hdgrs., B. C. D. E. F. and G, Vancouver Bks., Wash.; A, Ft. Townsend, Wash.; H, Ft. Leavenworth, Kas.

Sergt. Charles Grant, Co. G, Fort Leavenworth, will be sent to the station of his company, Vancouver Barracks (S. O. 155, Nov. 6, Dept. M.)

15th Infantry, Colonel Robert E. A. Crofton.
Hdgrs., A. B. C. D. E. F. G. and H, Ft. Randall, S. D.; H, Ft. Pembina, N. D.; A and G, Ft. Vernon Barracks, Ala.; D, Jackson Barracks, La.; E and H, Ft. Sheridan, Ill.

A furlough for three months is granted Sergt. Edward Goehring, Band, Fort Buford (S. O. 161, Nov. 8, D. Dak.)

17th Infantry, Colonel Henry R. Mizner.
Hdgrs., A. B. C. D. E. F. G. and H, Ft. D. A. Russell, Wyo.

Lieut. Col. Robert H. Offley is relieved as a member of the G. C.-M. at Fort D. A. Russell (S. O. 83, Nov. 5, D. Platte.)

Sergt. Joseph Henderson, Co. I, will be discharged the Service Nov. 15, 1890 (S. O. 82, Nov. 1, D. Platte.)

18th Infantry, Colonel Henry M. Lazelle.
Hdgrs., A. B. C. D. E. F. G. and H, Ft. Clark, Tex.

2d Lieut. William J. Pardee is detailed as J.-A. of the G. C.-M. at Fort Clark, vice 1st Lieut. Charles H. Cabanis, Jr., relieved (S. O. 98, Nov. 10, D. Tex.)

The C. O. Fort Clark will grant a furlough to Corp'l Edward S. Allen, Co. D, from Nov. 10 to Nov. 23, on which latter date the soldier will be entitled to his discharge from the Service (S. O. 96, Nov. 4, D. Tex.)

Sergt. Thomas W. Gunn, Co. I, Fort Clark, is detailed for duty on recruiting service, and will be sent to Fort Wayne, Ind. (S. O., Nov. 7, H. Q. A.)

Principal Musician J. B. Adams, for being drunk at guard mounting at Fort Clark, has been reduced to private and mulcted \$30.

19th Infantry, Colonel Charles H. Smith.
Hdgrs., A. E. G. and H, Ft. Wayne, Mich.; B and F, Ft. Brady, Mich.; C and D, Ft. Mackinac, Mich.

An Army Retiring Board having found Capt. Philip H. Remington incapacitated for active service, the extension of leave on account of disability granted him is still further extended until further orders on account of disability (S. O., Nov. 8, H. Q. A.)

The leave of absence on surgeon's certificate granted 2d Lieut. Thos. G. Hanson is extended two months (S. O., Nov. 12, H. Q. A.)

The leave for seven days granted 1st Lieut. Theo. H. Eckerson, Fort Brady, is extended 23 days (S. O. 269, Nov. 13, Div. Att.)

20th Infantry, Colonel Henry A. Morrow.
Hdgrs., A. C. E. and G, Ft. Sidney, Neb.; B, D, F. and H, Ft. Douglas, Utah.

22nd Infantry, Colonel Peter T. Swaine.
Hdgrs., A. B. C. D. E. and H, Ft. Keogh, Mont.; G, Ft. Totten, N. D.; F, Ft. Buford, N. D.

Leave for thirty days, with permission to apply for an extension of two months, is granted 2d Lieut. George H. Patten, Fort Totten (S. O. 160, Nov. 5, D. Dak.)

24th Infantry, Colonel Zenas R. Bliss.
Hdgrs., A. D. F. and H, Ft. Bayard, N. M.; B, Ft. Grant, Ariz.; C and G, San Carlos, Ariz.; E, Ft. Thomas, Ariz.

Capt. J. M. Thompson, recruiting officer, Providence, R. I., will proceed to Taunton, Mass., and establish a temporary branch rendezvous at that point (S. O. 213, Nov. 1, Rec. Ser.)

The leave granted 2d Lieut. Carl Reichmann is extended one month (S. O., Nov. 11, H. Q. A.)

25th Infantry, Colonel George L. Andrews.
Hdgrs., F. G. and H, Ft. Missoula, Mont.; B, C, and E, Ft. Shaw, Mont.; A and D, Ft. Custer, Mont.

Capt. Harry Reade, having been found by an Army Retiring Board incapacitated for active ser-

vice on account of disability which is not the result of any incident of service, is retired from service (S. O., Nov. 11, H. Q. A.)

(For Late Army Orders see page 194.)

Appointments, etc., of Commissioned Officers and Retired Enlisted Men, U. S. A., recorded in the A.-G. O. during the week ending Nov. 8, 1890.

APPOINTMENTS.

Corporal Henry J. Hunt, Company I, 14th Infantry, to be 2d lieutenant of infantry, November 6, 1890.

1st Sergeant Charles Miller, Troop M, 8th Cavalry, to be 2d lieutenant of infantry, November 6, 1890.

Sergeant John R. Seyburn, Company A, 18th Infantry, to be 2d lieutenant of infantry, November 6, 1890.

Quartermaster Sergeant Jules G. Ord, 1st Infantry, to be 2d lieutenant of infantry, November 6, 1890.

Sergeant James E. Dodge, Company D, 11th Infantry, to be 2d lieutenant of infantry, November 6, 1890.

CASUALTIES.

Captain Hayden De Lany, 9th Infantry, died November 4, 1890, at Los Angeles, California.

Major David B. McKibbin (retired), died November 8, 1890, at Washington, District of Columbia.

Military Academy.

The following cadets of the 4th Class are granted leave on account of sickness until May 1, 1891, when they will be re-examined, as far as their physical condition, by a Board of Medical Officers, to determine whether the condition of their eyes warrants their continuance with the Corps of Cadets: David Carley and Lorrain T. Richardson (S. O., Nov. 10, H. Q. A.)

Courts-martial.

The following courts have been ordered:

At Fort Buford, N. D., Nov. 10. Detail: Capt. Valery Havard, Med. Dept.; Capt. Cornelius C. Cusick, 23d Inf.; Capt. Alfred Hedberg and George A. Cornish and 1st Lieut. George K. McGunagle, 15th Inf.; 1st Lieut. Henry F. Kennell, 8th Cav.; 2d Lieut. Jacob K. Krebs, 22d Inf.; Capt. 1st Lieut. Samuel S. Pague, 15th Inf., J.-A. (S. O. 159, Nov. 4, D. Dak.)

At Fort Leavenworth, Kas., Nov. 10. Detail: Major Jacob Kline, 24th Inf.; Capt. F. E. Lacey, 10th Inf.; Capt. C. C. Carr, 1st Cav.; Capt. C. A. Woodruff, 2d Art.; Capt. J. M. J. Sarno, 7th Inf.; Capt. Francis Moore, 9th Cav.; Capt. Samuel McCombe, 14th Inf.; Capt. J. B. Babcock, 5th Cav.; Capt. S. M. Seibert, 2d Cav.; Capt. J. F. Stetson, 10th Inf.; Capt. James Foranace, 13th Inf.; 1st Lieut. E. P. Andrus, 5th Cav.; 1st Lieut. J. B. Jackson, 7th Inf., and 1st Lieut. E. S. Dudley, 2d Art., J.-A. (S. O. 153, Nov. 4, Dept. M.)

At Fort Du Chesne, Utah, Nov. 12. Detail: Capt. William G. Wedemeyer and Thomas E. Rose, 16th Inf.; Capt. Louis H. Rucker, 9th Cav.; Capt. Samuel Q. Robinson, Asst. Surg.; Capt. Eugene D. Dimmick, 9th Cav.; 1st Lieut. Charles R. Tyler, 16th Inf.; 2d Lieut. William J. D. Horne and Charles Young, 9th Cav.; 2d Lieut. George M. Brown, 16th Inf., and 1st Lieut. John Newton, 16th Inf., J.-A. (S. O. 83, Nov. 5, D. Platte.)

At St. Francis Barracks, Fla., Nov. 11. Detail: Lieut.-Col. Richard H. Jackson, 4th Art.; Major Passmore Middleton, surg.; Capt. William E. Egan and William F. Stewart, 1st Lieut. Harry R. Anderson, 2d Lieut. Charles D. Palmer, and 2d Lieut. Clinton C. Hoarn, 4th Art., and 2d Lieut. Walter N. P. Darrow, 4th Art., J.-A. (S. O. 265, Nov. 7, Div. A.)

At Fort Clark, Tex., Nov. 12. Detail: Major George K. Brady, Capt. Thomas J. Lloyd, Henry H. Adams, and John Anderson, 1st Lieut. Charles B. Hardin, 2d Lieut. Edson A. Lewis, Percival G. Lowe, George D. Moore, and Charles J. Symmonds, 18th Inf., and 1st Lieut. Charles H. Cabanis, Jr., 18th Inf., J.-A. (S. O. 97, Nov. 8, D. Tex.)

At Mount Vernon Barracks, Ala., Nov. 14. Detail: Major Hugh A. Thacker, Capt. Henry R. Brinkerhoff and David R. Burnham, 15th Inf.; Capt. Robert B. Benham, Asst. Surg.; 1st Lieut. William W. Waterspoon, 12th Inf.; 2d Lieut. John Cotter, 15th Inf., and 1st Lieut. Dillard H. Clark, 15th Inf., J.-A. (S. O. 268, Nov. 11, Div. A.)

At West Point, N. Y., Nov. 14. Detail: 1st Lieut. John A. Lundeen, 4th Art.; 1st Lieut. John D. C. Hoskins, 31 Art.; 1st Lieut. Wright E. Edgerton, 2d Art.; 1st Lieut. Harry F. Hodges and Joseph E. Knap, C. E.; 1st Lieut. George F. Barney, 2d Art.; 2d Lieut. Frank McIntyre, 19th Inf., and 1st Lieut. James S. Pettit, 1st Inf., J.-A. (S. O., Nov. 11, H. Q. A.)

Army Boards.

A Board of Officers, to consist of Capt. Frederick E. Trotter, Thomas F. Tobey, and Charles H. Warrens, 14th Inf.; Capt. Stanton A. Mason, 4th Cav., and 2d Lieut. James H. Lindsay, 14th Inf., Recorder, will meet at Vancouver Barracks, Wash., Oct. 31, for the purpose of reporting upon the facts in the case of Pvt. John Danton, Co. B, 14th Inf., an applicant for furlough and discharge (S. O. 135, Oct. 30, D. Columbia.)

A Board of Officers, to consist of Col. Henry L. Abbot, Cyrus B. Comstock, and David C. Houston, C. E.; Lieut.-Col. Charles T. Alexander and Major Johnson V. D. Middleton, Surg., will meet at the rooms of the Board of Engineers, Army Building, New York City, to examine such officers of the Corps of Engineers as may be ordered before it, with a view to determining their fitness for promotion (S. O., Nov. 7, H. Q. A.)

A Board of Officers, to consist of Col. George H. Mendell, C. E.; Col. Basil C. Sill, Surg.; Lieut.-Col. William H. B. Benyard, C. E.; Major George M. Sternberg, Surg., and Major William H. Heuer, C. E., will meet in San Francisco, Cal., to examine such officers of the Corps of Engineers as may be ordered before it, with a view to determining their fitness for promotion (S. O., Nov. 7, H. Q. A.)

A Board of Officers, to consist of Majors Alexander Mackenzie, Alexander M. Miller, and Ernest H. Ruffner, C. E., will assemble at Quincy, Ill., to report upon a project for the closure of Hickory Chute, Mississippi River (S. O. 77, Nov. 7, C. E.)

Retirements of Enlisted Men.

Pvt. Abraham Moss, Co. F, 6th Inf.; 1st Sergt. Patrick Spain, Troop L, 5th Cav.; Pvt. Franklin Walling, Co. F, 19th Inf.; Pvt. James L. Ward, Co. B, 8th Inf.; Pvt. Loreus Foster, B. H. 1st Art.; Sergt. James Benson, Co. I, 13th Inf.; Sergt. Charles P. Daley, Bat. G, 1st Art.; 1st Class Pvt. Anthony Klemm, Det. of Ord., West Point; Pvt. John McGrath, Co. F, 13th Inf.; Pvt. August Merchant, Bat. E, 4th Art.; Sergt. Otis Pierce, Gen. Service, and Sergt. August Pfurr, Co. C, Battal. of Engrs., Nov. 8, 1890.

Thomas Sullivan, clerk class one, General Service, Dept. Dakota, St. Paul, Nov. 11, 1890.
Musical H. H. Duerce, Co. B, 1st Inf.; Pvt. Charles H. Frothingham, Troop K, 3d Cav.; 1st Class Pvt. Jacob Heil, band Batt. of Engrs.; Sergt. James W. Huff, Batt. L, 4th Art.; Corp'l. James Hayes, Ord. Det., Omaha Ord. Depot; Pvt. Patrick McGuire, Co. C, 31 Inf.; Pvt. Geo. Miller, Co. H, 6th Inf.; Sergt. Thos. J. Mackley, Troop G, 6th Cav.; Pvt. Thos. Mooty, Troop E, 3d Cav.; Pvt. Daniel Nolan, Lieut. Bat. F, 5th Art.; Pvt. Wm. Penulet, Co. G, 8th Inf.; Pvt. Geo. Silience, Troop A, 34 Cav.; Ord. Serv., Peter Shannan; Pvt. Simon Schweizer, Co. B, 1st Inf.; Corp'l. Hiram Smith, Ord. Det., Watertown Arsenal, Mass.; 1st Sergt. Wm. Willie, Co. E, 8th Inf., and Ord. Sergt. Leodegar Schuyler, Nov. 12, 1890.

BOARDS OF OFFICERS FOR THE EXAMINATION OF OFFICERS FOR PROMOTION.

At Washington Barracks, D. C., detail: Lt. Col. La Rhett L. Livingston, 31 Art.; Maj. Edmund C. Bainbridge, 34 Art.; Robt. H. White, surg.; Wm. H. Powell, 22d Inf.; Jos. K. Corson, surg., and 1st Lt. Chas. B. Satterlee, adjt., 3d Art.

The following officers will report before the Board as above: Lts. James E. Eastman, 2d Art.; Samuel R. Jones, 4th Art.; Richard E. Thompson, 6th Inf.; Chas. A. Booth, 7th Inf.; Frederick A. Smith, 12th Inf.; Dillard H. Clark, 15th Inf.; Chas. A. Williams, 21st Inf.; Calvin D. Cowles, 23d Inf.; 2d Lt. Edward A. Millar, 31 Art.; Henry C. Davis, 3d Art.; John W. Ruckman, 5th Art.; Edward S. Avis, 5th Inf.; Albert B. Scott, 13th Inf., and Andrew S. Rowan, 15th Inf.

At Fort Leavenworth, Kan., detail: Lt. Col. John C. Bates, 13th Inf., and Geo. B. Sanford, 9th Cav.; Maj. John Brooke, surg., and Jacob Kline, 24th Inf.; 1st Lt. Benjamin L. Ten Eyck, ass. surg., and Edgar S. Dudley, 2d Art., recorder.

The following named officers will report for examination as above: Captains Camillo C. C. Carr, 1st Cavalry; Albert B. Kauffman, 9th Cav.; Wm. S. Worth, 8th Inf.; Ferdinand E. De Courcy, 13th Inf.; Wm. G. Wedemeyer, 16th Inf.; James H. Bradford, 19th Inf.; Geo. M. Randall, 23d Inf.; 1st Lt. Henry H. Wright, 9th Cav.; Horace B. Sarson, 2d Inf.; Fayette W. Roe, 3d Inf.; Wm. L. Pitcher, 8th Inf.; Frederick Von Schrader, 12th Inf.; 2d Lt. Wm. N. Hughes, 13th Inf.

At Fort Sherman, Idaho, detail: Col. Chas. E. Compton, 4th Cav.; Lt. Col. Frederick Mears, 4th Inf.; Maj. Alfred A. Woodhull, surg.; Capt. Wm. H. Bisbee, 4th Inf., and Wm. H. Gray, ass. surg.; 1st Lt. James A. Leyden, adjt., 4th Inf., recorder.

The following officers will report for examination: 1st Lts. Wilber E. Wilder, 4th Cav.; Edward L. Bailey and John J. O'Brien, 4th Inf.; Wm. W. McComan, 14th Inf., and James C. Ord, 25th Inf. (S. O. 265, Nov. 12, H. Q. A.)

The boards for the examination of officers to be convened in New York City will consist of the following members: For the examination of those who served as volunteers or were appointed from civil life during the war—Col. Elwell S. Otis, 20th Inf.; Major L. H. Carpenter, 5th Cav.; Major Wm. L. Haskin, 1st Art.; Surgs. C. T. Alexander and J. V. D. Middleton and Capt. M. C. Foote, 9th Inf. The officers ordered to appear before this board are: Capt. H. Wagner, 1st Cav.; 1st Lieut. Wm. P. Van Ness, 1st Art.; 1st Lieut. R. H. Patterson, 1st Art.; 1st Lieut. Wm. Paulding, 10th Inf., and 2d Lieut. H. S. Squiers, 7th Cav. For the examination of officers of other classes: Col. M. M. Blunt, 16th Inf.; Lieut.-Col. Richard Loder, 1st Art.; Major L. H. Carpenter, 5th Cav., and the same surgeons and members as on the other board. The officers ordered before this board are: Capt. F. B. Hamilton, 2d Art.; 1st Lieut. H. G. Tuthery, 1st Cav.; 1st Lieut. S. A. Craig, 6th Cav.; 1st Lieut. George LeR. Brown, 11th Inf.; 1st Lieut. D. H. Brush, 17th Inf.; 1st Lieut. C. E. Kilbourne, 2d Art.; 2d Lieut. Samuel Rodman, Jr., 1st Art., and 2d Lieut. D. L. Tate, 1st Cav.

DEPARTMENT NEWS.

Division of Missouri.—Maj. Gen. Miles.

Gen. N. A. Miles, U. S. A., recently in St. Paul, is quoted as saying: "I have been out in Utah, Montana, and the Cheyenne Reservation investigating the Indian craze, which has extended to 16 tribes, the Snake Indians being the only ones to repudiate it. Several small parties of Indians have gone westward from their tribes to some point, which, as near as I can locate, is in Nevada, and there they have been shown somebody disguised as the Messiah and have spoken with him. I am inclined to believe that there is more than one person impersonating this Messiah, as when Sioux have spoken with him, he has replied in the Sioux language, and to Blackfeet he has spoken their tongue, and so on. I cannot say positively, but it is my belief the Mormons are the prime movers in all this. I do not think it will lead to an outbreak. Those who have seen the impersonator of the Messiah say he is muffled up and disguised so that they do not see his face, but I believe he is a full-blooded white. The situation is not alarming in any way."

Division of the Atlantic.—Maj.-Gen. Howard.

An explosion at Fort Wadsworth, on the afternoon of Nov. 7, caused quite an alarm. Citizen employees of the Navy Department were engaged in loading fixed ammunition for the Naval Service. It became necessary for one of the workmen to place a copper drift against the conical end of a shell, and tap it with a copper hammer. Then the explosion took place. One man was killed and another wounded. The explosion of the cartridge was followed by the combustion of about 90 lbs. of powder, and three other employees of the Navy Department were badly burned. There seems to have been no carelessness in the matter.

Dept. of Texas.—Brig. Gen. D. S. Stanley.

The Express quotes Col. J. P. Martin, A. A. G., as saying: "Fort Bliss will be a regimental post and be very important on account of its location, but I think San Antonio will in time be the greatest post of the Southwest. While Fort Bliss is growing, Fort Sam Houston will continue to increase. The small posts along the border will be abandoned or reduced. A large body of troops can be thrown from here in a few hours anywhere along the border or into Mexico, from El Paso to Laredo. At present the Department of Texas contains only about one-twelfth the troops of the Army, but its importance will ultimately cause it to have about one-fifth."

FROM THE RANKS TO A COMMISSION.

The following assignments of 23 lieutenants, promoted from non-commissioned officers, are made: 2d Lieut. Henry J. Hunt, to the 15th Inf., from corporal, Co. I, 14th Inf.; 2d Lieut. Chas. Miller, to the 11th Inf., from 1st sergeant, Troop M, 8th Cav.; 2d Lieut. John R. Seyburn, to the 24th Inf., from sergeant, Co. A, 18th Inf.; 2d Lieut. Jules G. Ord, to the 18th Inf., from Q. M. sergeant, 1st Inf.; 2d Lieut. Jas. E. Dodge, to the 14th Inf., from sergeant, Co. D, 11th Inf. (S. O., Nov. 10, H. Q. A.)

COURT-MARTIAL OF OFFICERS.

BEFORE a General Court-Martial which convened at Fort Clark, Texas, pursuant to Special Orders No. 91, Oct. 17, 1890, Headquarters Department of Texas, and of which Col. Henry M. Black, 23d Inf., is president, and Capt. Harvey C. Carbaugh, acting judge advocate, U. S. A., is judge advocate, was arraigned and tried:

1st Lieut. George L. Turner, 18th Inf. Charge I. "Violation of the 33d Article of War." Charge II. "Disobedience of orders, in violation of the 21st Article of War." Charge III. "Breach of arrest, in violation of the 55th Article of War." Charge IV. "Conduct unbecoming an officer and a gentleman." To which charges and specifications the accused, 1st Lieut. George L. Turner, 18th Inf., pleaded "Guilty." Finding, "Guilty." Sentence: "To be dismissed the service of the United States; to restore to the regimental band fund of the 18th Infantry the sum of \$643.13, in default of which to be confined in such place as the proper authority may direct until the said restoration shall have been made, provided said confinement shall not continue longer than three years."

EXECUTIVE MANSION, Nov. 10, 1890.

In the foregoing case of 1st Lieut. George L. Turner, 18th Infantry, so much of the sentence as relates to dismissal is hereby confirmed.

BENJ. HARRISON.

By direction of the Secretary of War the sentence of the General Court-Martial in the foregoing case of 1st Lieut. George L. Turner, 18th Inf., will take effect Nov. 20, 1890, from which date Lieut. Turner will cease to be an officer of the Army.

The specifications allege that the accused failed to attend guard without reasonable excuse, wilfully destroyed a written order assigning him to duty, and being ordered to report in person and to go before board ordered to examine into his accounts replied "that he would not go to the commanding officer's office and would not obey the order," and further that he did wilfully fail to obey and did disobey an order to turn over all property and funds in his possession. He is further charged with embezzling the sum named, and with going, while under arrest, to a ranch 17 miles from his post and remaining there until apprehended.

(Correspondence of the Army and Navy Journal.)

FORT BRADY, MICH.

Nov. 3, 1890.

ALLOW me to call your attention to an error in the obituary notice of Gen. Edwin P. Davis, U. S. Vols., wherein he is spoken of as the commander of the 1st Brigade, 2d Division, 19th Corps. His entire service in the corps was with the 1st Division, in the language of its commander, "whether on the banks of the Red River or in the valley of the Shenandoah, fixed the limit of the enemy's advance, and was with the best and bravest in defeating and pursuing him." At Cedar Creek, Oct. 19, 1864, General Davis, (just 27 years of age,) commanded the 1st Brigade, and in the triumphant advance at the close of that extraordinary day, received a painful wound, but remained at the head of his brigade until the battle was over. Peace to his ashes!

J. G. L.

FORT SUPPLY, I. T.

Stray Shots for Nov. 2 comes up smiling with the following items:

Mrs. Van Buren, of Woodward, has been the guest of Col. and Mrs. Bryant the past week.

Lieut. Emerson Griffith, 13th Inf., goes to Columbus Bks. for two years of recruiting service.

Lieut. Fox has chosen the quarters next to Dr. Brown on the west side of the parade.

A detail went to Fort Elliott on Monday to bring hither the first instalment of the chapel and administration buildings.

Steward Irish expects to leave for Madison Bks. on Tuesday. We shall part with him with regret.

Col. Bryant on Monday announced the appointment of Herman Trutner, Sr., as chief musician of the 18th. There were other applicants of excellent ability, and that Trutner was chosen under such circumstances is all the more a compliment to him.

Lieut. M. J. O'Brien has been selected by Col. Bryant to prepare the historical sketch of the 13th Infantry for the Journal of the Military Service Institution. This means that the fine record of the 13th will be put in good shape for popular reading and preservation.

Capt. deCourcy has been granted a nine months' leave, with permission to receive treatment at the Army and Navy Hospital at Hot Springs as an outside patient. His promotion will occur before his return, and Co. H will soon bid farewell to the only captain it has had since November, 1865.

The garrison will be re-inforced the coming week by Miss Carrie Augur, who returns from school, and Gen. and Mrs. Augur, who will probably spend the winter here.

It is also more than faintly rumored that Misses Marie and Elise, sisters of Lieut. Butler, will visit here in January.

Enlisted men's school, under the superintendence of Chaplain Pierce, will be resumed to-morrow with 111 men enrolled.

Capt. Macauley, M. D., left for his new station, Fort Lewis, Colo., Monday night, greatly to the regret of his many friends here, and, of course, of himself, as well. The "D and G" club (deer and goats) with a few favored ones assembled at the home of Lieut. and Mrs. Goe to bask in the light of his countenance during the last evening of his stay.

Lieut. Koops relieves Chaplain Pierce as post treasurer. Shall we congratulate or console?

FORT LEAVENWORTH.

THE KANSAS CITY TIMES says:

Lieutenant Guy Howard, 12th Inf., aide-de-camp to Gen. Howard, has been the guest of Lieut. Abbott, 12th Inf., for a couple of days.

The five non-commissioned officers who recently passed a successful examination at Fort Monroe, expect their commissions as soon as the Secretary of War returns to Washington.

Major and Mrs. Keefe, of the Pay Department, are visiting their son, Asst.-Surg. Keefe, U. S. A.

Capt. Miles Moylan, 7th Cav., of Fort Riley, is a visitor at the post, the guest of Capt. Godfrey, 7th Cav.

Gen. Morrill has convened a General Court to meet Monday, to consist of 13 officers, and their rank indicates that an officer is to be tried. The closest inquiry has failed to disclose the name of the officer, but it is believed the trial ordered is the result of a recent dispute between two officers of the present class.

There was a well attended meeting held here Nov. 6 by the Kansas Commandery of the Loyal Legion. A highly interesting paper entitled "How We Pulled Down a Rebel Flag in Kansas," was read by Col. Woodhull, U. S. A., affording the Commandery entertainment for an hour or more. The thanks of the Commandery were tendered Col. Woodhull, and unanimously given by rising vote.

Surg. Brooke has arrived and reported for duty to Col. Townsend to relieve Surg. Woodhull. Dr. Brooke is accompanied by wife and son.

Lieut. J. F. McBlain, 9th Cav., left Nov. 6 for Washakie to appear as a witness before a General Court-martial in the case of an enlisted man charged with an assault upon an officer.

Lieut. Lacey, 10th Inf., has reported here for duty.

Capt. W. P. Hall, 5th U. S. Cav., will be married to Mrs. Teresa Blackburn Stewart Nov. 12 at St. John's Church, Washington, D. C. Mrs. Stewart is a daughter of Senator and Mrs. Blackburn.

Cards are out for the marriage of Lieut. Carl F. W. Reichman, 34th Inf., to Miss Anna D. Van Derlip, of Danville, N. Y., to take place Nov. 23.

A lecture in aid of the fund for the post chapel organ will be given in the chapel on Monday, Nov. 10, commencing at 7.30 P. M. Subject, "Bacteria."

A detachment of military prisoners have arrived, escorted

by members of the 23d Inf., in command of Lieut. Edwards, same regiment.

A ball poude was given by Lieut. and Mrs. Mason, Friday night. It was largely attended from post and city, and proved to be one of the occasions that every one present enjoyed.

FORT DOUGLAS, UTAH.

The Salt Lake Herald says:

From the number of amateur telegraphers now wearing out the tips of their fingers on the "senders" and stretching their ears to call words from the "sounders," it is evident decided interest is being taken in military telegraphy by the enlisted men of Fort Douglas.

The heliograph corps now flash old Sol's rays from the 1,000 yard target butt to the adjutant's office. The progress made in receiving and transmitting messages is extremely satisfactory to the acting signal officer, Lieut. Gregg, who takes much interest in instructing his class.

The command was paraded and reviewed by Gen. Penrose, lieutenant-colonel, 15th Inf., on Friday. Following the review came the inspection and muster of the battalion of the 21st Inf., by Major J. N. Andrews, whilst Major Parke duly looked over and mustered the companies of the 15th.

The party of hunters of Co. D, 15th Inf., returned on the afternoon of Oct. 30. They were absent ten days. On the whole, the boys enjoyed the trip, and look far better from a standpoint of health than when they left.

We have just examined Palmer's Infantry Equipment, a contrivance recently gotten up by Capt. George H. Palmer, 15th Inf. The equipment consists of carrying braces and two bags, the bags being joined together by one piece of canvas, which forms their backs. The equipment weighs three pounds and six ounces. Capt. Palmer is to be congratulated on his invention, as it is superior to anything of its kind in existence. We trust Capt. Palmer's equipment will meet with the endorsement it deserves from the entire infantry arm of the service, and that it will be formally adopted by the Secretary of War. The equipment, filled for field service, only weighs 30 pounds.

FORT BLISS, TEXAS.

A PRESS correspondent writes:

Capt. George Ruhlen, A. Q. M., has been selected to build the new military post near El Paso. Capt. Ruhlen built Fort Custer, Mont., in 1877-78. The site of the new post is on the Mesa, about five miles east of El Paso, and it is a splendid locality for a large military post, being very level, high and dry. There will be no difficulty in getting a good target range. Capt. Ruhlen is now making surveys for the location of buildings and examining building material.

Major James R. Roche, paymaster, after making payments at Bliss, Hancock, Davis, and at the Camp at Pena Colorado, has permission to delay on his return to Paso, for the purpose of taking a hunt down the Rio Grande, the game consisting of deer, bear, ducks, and blue quail.

FORT NIOBRARA, NEB.

LIKE Chaplain Pierce, of Fort Supply, editor of Stray Shots, Chaplain Nave, of Fort Niobrara, has started a new little paper and dubbed it the Heliograph. In his "introduction" he says: "I shall flash the news for you good people, will tell a little gossip, preach a little, amuse some, disgust others—for no one can please the cranks—will edify the curious, and help make a good time all around. Such is my mission."

Among "Post Items" we note the following:

Dr. Cabell's genial face greets us again after an absence of two and a half months. Welcome doctor.

The infantry troops are steadily improving in their drill under the superintendence of Lieut.-Col. Smith.

The officers and ladies of the garrison enjoyed a social hop at the hall last evening.

The presence of Major Wilhelm, Capt. Savage, Lieut. Lynch, Hutton, and Krus, and that of their commands, is greatly missed. Their departure was deeply regretted by all. Our garrison recently sustained a great social loss by the departure of Mrs. Gen. Kautz, her son, Austin, and two daughters, Frankie and Navarra. They left for Washington, D. C., Oct. 5, where the young people will enter school. Our losses are made more tolerable than they would have been by the addition to our society of Lieut. Ruthers and his charming wife, and Lieut. Mott and Goe.

Mrs. Capt. Garrard presides most acceptably as organist at Divine worship on Sunday evenings. Miss Bessie Wilcox conducts the organ very efficiently at Sunday school and Miss Hermie Nave at the Wednesday evening services.

The Sunday school is succeeding well. The infant class is taught by Mrs. Dr. Wilcox, the second intermediate by Miss Bessie Wilcox, and the young men's class by the Chaplain. The Chaplain preached last Sunday evening to a large congregation, his subject being Daniel, a model for young men.

Capt. Garrard, 9th Cav., Lieut. Mercer and Ruthers, 8th Inf., have been duck-hunting. The hunting was excellent, but the finding was not.

An appropriation has been obtained and bids received with which to construct a gymnasium in the old quarter-master building in the middle of the line of barracks. This is a much-to-be-desired improvement.

FORT RILEY, KAS.

THE officers and ladies of Fort Riley, assisted by others, and the orchestra of the 7th U. S. Cav., together with Mesdames Hoff, Bacon, Edgerly, Hare, Hoyle, Bullock, Rodney, Gatchell, Pond, McCormick, Knox and Starr, Capt. Jackson and Edgerly, Lts. Bridgeman, Bullock, Donaldson, Gatchell, Hawthorne and Hayden, will give a grand concert, for charity's sake, Saturday evening, Nov. 15. The programme is a rich and varied one.

SAN ANTONIO, TEXAS.

CAPTAIN WILLARD has returned. Colonel Baily has returned. General Stanley has returned from Dallas.

The light battery, under Major Burbank, has returned from Dallas, where they gave daily drills during the fair. Gen. Stanley has been down ill with a slight attack of the grip.

The officers' club is prospering. It has been such a success that an officers' mess for the unmarried is talked of.

COURT-MARTIAL CASES.

In a recent case at Fort Leavenworth the reviewing authority, Gen. Merritt, says: "The proceedings are approved, except the action of the court in appending to the record the written statement of the prisoner after he had been sworn as a witness in his own behalf. The testimony of the prisoner should have been adduced by questioning and recorded in the body of the proceedings like that of other witnesses."

PLEASANT DUTY FOR THE OFFICERS.

THE War and Navy Departments are taking steps to detail one Army officer and one naval officer for special duty in each of the Central and South American republics in connection with the World's Fair in Chicago. These officers are to be selected with special reference to their fitness for the duty and their acquaintance with South American affairs. It is understood that Lieut. Asher C. Baker will be one of those selected from the Navy Department. He was recently ordered to duty on the Palos and was on his way to San Francisco to sail for China when he was recalled by telegraph from Chicago.

THE NAVY.

BENJAMIN F. TRACY, Secretary of the Navy
JAMES R. SOLEY, Assistant Secretary of the Navy.

NAVAL VESSELS IN COMMISSION.

WHEN AND WHERE LAST HEARD FROM.

N. Atl. Station.—R-Adm. Bancroft Gherardi. PHILADELPHIA, 1st rate, 12 guns (flagship), Capt. Frederick Rodgers. At New York.

KEARSARGE, 3d rate, 7 guns, Comdr. H. Elmer. Left Colon Oct. 30 for Greytown, Nicaragua.

DOLPHIN, 3d rate, 4 guns. Comdr. Yates Stirling. At New York Navy-yard for repairs.

PETREL, 4th rate, 4 guns. Lieut. Comdr. W. H. Brownson. Arrived at Norfolk, Nov. 12, where she will be repaired.

ENTERPRISE, Comdr. G. A. Converse. Sailed from Tompkinsville, S. I., Oct. 30 for Colon and other Central and South American ports. She will relieve the Kearsarge and will do some surveying.

Squadron of Evolution.—Acting Rear Admiral John G. Walker.

CHICAGO, flagship, 1st rate, 14 guns, Capt. H. B. Robeson. At New York Navy-yard for repairs.

ATLANTA, 2d rate, 8 guns, Capt. John A. Howell. At Norfolk for repairs.

YORKTOWN, 3d rate, 6 guns. Commander F. E. Chadwick. At Navy-yard, New York.

BOSTON, 3d rate, 8 guns, Captain J. O'Kane. At Navy-yard, New York, for repairs.

S. Atl. Station.—Rear Admiral W. P. McCann.

Mails for Penacola, Tallapoosa and Essex should be addressed to the care of the U. S. Consul, Rio de Janeiro, Brazil, or care of B. F. Stevens, 4 Trafalgar Square, London, unless otherwise noted.

PENACOLA, 2d rate, 16 guns (flagship), Captain Albert Kautz. Arrived at Bahia, Brazil, Oct. 20, as per cable. Address mail same as noted above.

TALLAPOOSA, 3d rate, 6 guns, Comdr. James M. Forsyth. At Buenos Ayres at last accounts.

ESSEX, 3d rate, 6 guns, Comdr. A. S. Snow. Arrived at Bahia, Brazil, Oct. 2, as reported by cable.

Pacific Station.—Actg. Rear Adm. Geo. Brown.

Address all mail (unless otherwise noted) for the present to Navy Pay Office, San Francisco Cal.

CHARLESTON, 2d rate, 10 guns, flagship, Capt. G. C. Remy. At Honolulu Oct. 24, expecting to leave for San Francisco on arrival of the Mohican at Honolulu.

IROQUOIS, 3d rate, 7 guns, Comdr. Joshua Bishop. At Honolulu Oct. 20. Expected to make a cruise to Lanai, Hawaiian Islands, before leaving for Samoa.

MOHICAN, 3d rate, 10 guns, Commander E. M. Shepard. At Apia, Samoa, Sept. 20, and left same day for Pago Pago. Was expected at Honolulu shortly after that date.

PINTA, 4th rate, 4 howitzers. Lieut.-Comdr. O. W. Farenholt. At Sitka, Alaska.

Asiatic Station.—Rear Admiral G. E. Belknap.

Mails should be addressed, Yokohama, Japan, unless otherwise noted.

ALLIANCE, Commander H. C. Taylor. Left Amoy, At Yokohama, Sept. 22. She was expected to leave for Ponape, Caroline Island, Sept. 25.

The China Mail says: "Under urgent telegraphic instructions from Admiral Belknap, the United States steamship Alliance, now in Yokohama, being under orders to proceed to the Caroline Islands, in consequence of trouble having arisen there between the Roman Catholic and Protestant converts. Owing, however, to three or four of her officers having been granted sick leave, she will make up her complement from the Swatara. It is somewhat extraordinary that a vessel attached to the Asiatic station should have to proceed on the lengthy voyage the Alliance now has before her. Owing to the absence of coal in the Carolines the vessel will proceed under sail the whole way, reserving her bunkers, which have been filled to their utmost capacity in Yokohama, for use on the way back, when the prevailing winds will be more or less adverse. The nearest coaling place is stated to be Brisbane. Under ordinary circumstances the Swatara would have remained here until Yokohama was declared an infected port, when she was to have proceeded there to get a new shaft."

MONOCAST, 3d rate 6 guns. Comdr M. L. Johnson. At Yokohama Sept. 24, where she was at last accounts.

OMAHA, 2d rate, (flagship), 12 guns, Captain B. J. Cromwell. At Cheloo, China, Sept. 24. Will be ordered early next year to San Francisco, Cal., for repairs.

PALOS, 4th rate, 7 howitzers. (Lieut. Comdr. Joseph Marthon ordered to command per steamer Nov. 13.) Lieut. Thos. S. Phelps, temporarily commanding. Will return to United States upon reporting of his relief. Arrived at Chemulpo, Korea, Sept. 24.

SWATARA, 3d rate, 8 guns, Comdr. P. H. Cooper. Reported to have left Chemulpo, Korea, Sept. 21, for Yokohama, Japan. Will return to Mare Island, Cal. She will probably reach there during the latter part of November.

Apprentice Training Squadron.

JAMESTOWN, 12 guns Comdr. B. P. Lamberton. Arrived at Hampton Roads Nov. 12, where she will remain until Jan. 1, and then sail for winter cruise in West Indies.

PORTSMOUTH, 12 guns, Comdr. John Schouler. Arrived at Hampton Roads Nov. 12, where she will remain until Jan. 1, and then sail for winter cruise in West Indies.

RICHMOND, 2d rate, 14 guns, Captain O. F. Stanton. At Newport, R. I., (receiving ship for boys).

YANTIC, 3d rate, 4 guns, Comdr. Chas. H. Rockwell. At Navy-yard, New York.

MINNESOTA, 19 guns, Capt. G. C. Wiltse. Receiving ship for boys. At present at the Brooklyn Navy-yard, N. Y.

On Special Service.

AND AWAITING ASSIGNMENT.

BALTIMORE, 1st rate, 10 guns, Captain W. S. Schley. A cable announces her passage through the Straits of Gibraltar Nov. 11, bound east.

CUSHING, Torpedo Boat, Lieut. C. McR. Winslow. At Navy-yard, New York.

DESPATCH, 4th rate, Lieut. Wm. S. Cowles. Arrived at New York Nov. 8, to participate in the ceremonies on the occasion of the launching of the Maine and convey Secretary Tracy and his party of Department officials and invited guests. Should their services be required the Catalpa and Nina will aid in the transfer.

FORTUNE, tug, Lieut. Comdr. A. J. Iverson. Vessel engaged in carrying freight between the several Navy-yards. At New York at last accounts.

MICHIGAN, 4th rate, 6 guns, (2 howitzers and 2 galleys). Commander Geo. H. Wadleigh. At Erie, Pa., last accounts.

NEW HAMPSHIRE, 8 howitzers, Receiving Ship for boys. At New London, Ct., Oct. 12, where she will remain during the winter.

RANGER, 3d rate, 1 gun. Comdr. Geo. E. Wingate. Arrived at Corinto, Central America, Oct. 19.

THETIS, 3d rate, 2 machine guns, Lieut. Comdr. Charles H. Stockton. Arrived at San Francisco Oct. 27.

VESUVIUS, dynamite cruiser, Lieutenant Seaton Schroeder comdg. Off Tompkinsville, S. I., New York Oct. 16. On the 10th inst., a car flat and tug struck the Vesuvius end on, twisting the stem seven inches and disbing in two bow plates of each side badly for four feet, bending the frames and two diagonals. There was no injury under water. The vessel was sent to North River to take coal aboard, as the contractors refused to deliver it elsewhere.

SARATOGA, Comdr. F. M. Green, nautical school ship of Pennsylvania. At Philadelphia.

ST. MARY'S, sails, 8 guns, Comdr. A. S. Crowninshield. N. Y. Public Marine School. In the East River at foot of 31st street.

VARIOUS NAVAL ITEMS.

APPARATUS for gymnastic exercises is to be supplied to the Italian men-of-war.

THEY are discussing in England the origin of the saying "To pull one's leg." Perhaps some of our naval readers can enlighten them on this subject.

A MEETING of the First Battalion, Naval Reserve was held in Columbus Hall, 878 Sixth Avenue, New York city, on Thursday evening. Capt. Henry Erben, U. S. N., spoke, and the meeting then discussed the reports of Lieuts. Nostrand and Mowbray, with reference to obtaining a suitable drill hall.

THE Swedish vessel *Gota* is on the point of being completed by the Creusot Company. She has a displacement of 3,100 tons, and her armament includes four guns of 15 cm. (5.9 in.), two of 25 cm. (9.84 in.), and four quick-firing pieces, and she will have several torpedo tubes. Her plating will be of Creusot steel.

THE new crane at the Washington Navy-yard is large, but not the largest in the world, as has been stated. It will lift its greatest weight, 110 tons gross, 1 ft. per minute; 72 tons, 2 ft. per minute; 37½ tons, 4 ft. per minute; 18½ tons, 8 ft. per minute; 10 tons, 15 ft. per minute, and 5 tons or less, 30 ft. per minute. In England a crane lifting 120 tons 100 feet high has recently been erected.

THE launch of the armored cruiser *Maine* will take place at the Brooklyn Navy-Yard at 12 o'clock on Monday, Nov. 18. A large company of distinguished people have been invited to be present. Platforms for especially invited guests have been erected near both the stem and the stern of the ship. From a place in the former platform Miss Alice Wilmersding will crack a bottle of wine on the cruiser's bow.

THE Board of Civil Engineers appointed to consider the plans submitted by the four bidders for the naval dry dock at Port Royal, S. C., met in New York, Nov. 11, where they will continue to meet until their report has been agreed upon. The sessions were begun in Washington, but as the services of the president of the Board, Civil Engineer Asserson, were needed at the New York Navy yard, the other members were ordered there.

CAPTAIN Z. L. TANNER, commanding the Fish Commission Steamer *Albatross*, arrived in Washington from San Francisco on Nov. 11. He comes East to consult with the Navy Department authorities in regard to the selection of a new complement of officers and men whose terms are now out, and with the Fish Commission authorities about the future work of his vessel. It is understood that the next trip of the *Albatross* will be to the Galapagos Islands along the Coast of Mexico.

THE new French armored cruiser *Dupuy de Lome* will be launched at Brest on Oct. 27. Her length is 374 ft., and her beam 52 ft. 6 in.; her draught amidships is something more than 24½ ft., and her displacement 6,300 tons. She is constructed entirely of steel. Her engines are together of 14,000 horse power—three in number, entirely independent of one another—and are expected to give a speed of 20 knots. The other French armored cruisers now in course of construction are the *Breizh*, *Chanzy*, *Charner*, and *Latouche Treville*, which are all of the same type, and are 374 ft. in length, and not quite 46 ft. in beam. These will have a displacement of 4,700 tons, engines of 9,370 horse power, and a speed of 19 knots.

FRENCH men-of-war, armed for the first time or having undergone important alterations, are to make a sea-trial lasting 24 hours without interruption, of which two hours shall be at the maximum speed, with forced draft, but only to obtain a pressure not exceeding that which, at the trials on receipt of the ship, would have given nine-tenths of the maximum speed then realized. Similar provisions are made for vessels coming from the first and second categories of the Reserve; and the vessels which remain in those categories must, at least once a year, make like trials of 24 hours in addition to the three-monthly trials, which have for their object to test the working condition of the machinery.

THE Spanish corvette *Pelayo* has made trial of its heavy Hontoria guns on Canet mounts, with perfect success, in the harbor of Toulon. The Madrid correspondent of the *France Militaire* announces that the Spanish naval authorities have decided to construct a second submarine boat on the model of the *Peral*.

OCT. 18 another Russian ironclad was launched with the usual ceremony from the Admiralty yard on the Neva, in the presence of the Czar. The new vessel, which was begun in October, 1888, is named the *Hangout* (*Gangut*), and measures in length along the water line 289 ft. 9 in., or 301 ft. 5 in., including her ram; in width 62 ft., and in depth 21 ft. She has a displacement of 6,628 tons, and engines of 6,000 horse power.

At the regular monthly meeting of the Board of Directors of the Navy Mutual Aid Association on Nov. 8 it was decided to submit a proposed amendment to the by-laws to the members for vote providing for assessments to be made every quarter in stead of every four months, making twelve assessments a year instead of nine. This has been made necessary by the increased death rate, four deaths in excess of the nine assessments having already occurred during the present year. Lieut. George H. Stafford has been admitted to membership in the association.

THE colossus of the Italian Navy, the *Sardegna*, launched at Spezia, Sept. 20, is 411 feet long; the *Italia*, *Lepanto*, *Rè Umberto*, and *Scilla*, 400 feet; the *Duilio* and *Dandolo*, 338 feet; and the *Ruggiero di Lauria*, *Andrea Doria*, and *Francesco Morosini*, nearly 320 feet. The carcass of the *Sardegna* is wholly of Martin Siemens mild steel, and the framework of horizontal and perpendicular ribs forms a kind of reticulated work, which promises great strength. The four great guns (of 334 mm.), weighing 68 tons, have places in two heavily armored redoubts, one fore and the other aft, and are said to be as powerful as the 100-ton guns of other vessels in the Italian Navy. The eight guns of 152 mm., which are to be located in the citadel, may be discharged three times a minute, the projectile weighing 45 kilos. (nearly 100 lb.); the sixteen 120-mm. guns, five times a minute; and the ten 57-mm. guns, seven times.

THE necessity of having a reliable method of effecting communication between the shore and a ship in distress, or between one vessel and another, has always been recognized, and to this end various line-throwing appliances have been brought forward from time to time. The latest of these is the shoulder line-throwing gun, invented by Capt. J. D'Arcy-Irving, R. N. This apparatus, which is not an expensive affair, consists of a shoulder-gun having the cop, or coil of line, suspended in a case carried under the breech of the gun. A rod is inserted in the barrel, the fore end of the rod being connected with the end of the line, which is in the centre of the cop. The line is 144 yards long, and the charge of powder used is two drachms. Upon the gun being fired at a high elevation, the rod is projected upwards and forwards, carrying the line trailing away after it. The object is, of course, to land the line over the ship or other object, the rod dropping beyond it. By this means a rope can be made fast to the tail end of the line by the succeeding party, and be hauled on board by those in distress.

ANNOUNCEMENT is made that the final meeting of the Board to consider the question of appointing a marine commission, as recommended by the International Marine Conference, will be held at the Treasury Department on Nov. 15, and all persons interested have been summoned to appear in Washington at that time. A bill is to be drawn up and presented to Congress, but the Board has concluded to eliminate the provisions of the measure submitted by the International Conference, placing two officers of the line of the Navy, an admiralty lawyer and the chairman of the committee of commerce in both Houses of Congress on the commission. Instead, however, it is quite likely that Congress will be urged to confirm as members of the commission the supervising inspector of steam vessels, superintendent of the life-saving service, commissioner of Navigation, Superintendent of the Coast Survey, Surgeon-General of the Marine Hospital Service, Hydrographer of the Navy, and the Superintendent of the Light-house Board. These suggestions will be submitted to members of the various maritime exchanges and others interested in the subject who may attend.

NAVY GAZETTE.

Ordered.

Nov. 8.—Lieutenant A. F. Fechteler, to duty in the office of Naval Intelligence.

Nov. 11.—Lieutenant Walter S. Hughes, to duty in charge of the Branch Hydrographic Office, New Orleans, La.

Nov. 12.—Ensign R. H. Miner, to examination for promotion.
Surgeon Thomas Owens, to duty at the Museum of Hygiene, Washington, D. C.

Detached.

Nov. 7.—Professor W. W. Hendrickson, from special duty and ordered to duty in the office of the Nautical Almanac.

Nov. 10.—Chief Engineer David Smith, from duty connected with the State, War and Navy Department Building and ordered to duty as member of the Steel Inspection Board.

Nov. 12.—Assistant Engineer J. L. Wood, from the Naval Academy and ordered to duty as assistant inspector of machinery being constructed at the Union Iron Works, San Francisco, Cal.

Retired.

Surgeon Howard Smith, from Nov. 10, 1890.

Resigned.

Ensign Philip R. Alger, from Nov. 10, 1890.

Commissioned.

Edward K. Rawson, as Professor of Mathematics, from Oct. 25, 1890, and Philip R. Alger, from Nov. 1, 1890.

MARINE CORPS.

Major Green Clay Goodloe, paymaster of the Marine Corps, has been ordered to pay U. S. marines at Brooklyn, N. Y., and Boston, Mass., for October.

NAVY DEPARTMENT.

WASHINGTON, D. C., Nov. 13, 1890.

G. O. No. 388.

Hereafter, until July 4, 1891, the Union of the National Ensign and the Union Jack used by the Naval Service shall be as shown in the following illustration, to conform to the requirement of Section 1792, Revised Statutes, five additional States, namely, North Dakota, South Dakota, Montana, Washington and Idaho, having been admitted to the Union during the year ending July 4, 1890.

B. F. TRACY, Secretary of the Navy.

NEW YORK NAVY-YARD.

SOME of the transient visitors to the Brooklyn Navy-yard, says the *Times*, express the opinion that it must be a dull place to live in, and are sorry for the wives and daughters of the officers who are stationed there permanently or otherwise. Such opinion is not in accordance with facts, however. The Yard is a gay place socially. Three receptions a week during the season constitute society in themselves, and this is what Yard residents can get besides the interchange of visits and dinners that is constantly going on in a more informal way. In point of importance the admiral's reception on Tuesdays, from 3 to 5, takes precedence. On Fridays, at the same hour, the ladies of the Yard are at home to their friends in one of the rooms of the Department building, usually the court-martial room, which is hung with flags by way of decorative relief. The jolliest event of the week, however, is apt to be the Mondays aboard the receiving-ship *Vermont*. The spar deck makes an excellent dancing platform. At these dances a regular programme is finished to the music of the Marine Band, light refreshments are offered, and when the strains of "The Star Spangled Banner" greet the ear it is a well understood an revoir.

(Correspondence of the Army and Navy Journal.)

NAVAL ACADEMY.

ANNAPOLIS, MD., Nov. 12, 1890.

SATURDAY evening an entertainment was given at St. John's College, to which the cadets were invited. Taps were extended until 11.30 for those who desired to attend, and many availed themselves of the privilege.

The social event of the week was a very pleasant and largely attended card tea given by Miss Sigbee Saturday afternoon. Miss Sigbee received to perfection, while the sweets of the tea tables were gracefully served by Miss Cox and Miss Murray. The following is a partial list of those present: The Misses Blake, Miss Schenck, Miss Stowe, the Misses Murray, Miss Todd, the Misses Phyllis, Miss Craig, Miss Grimes, Miss Cox, Mrs. Moore, Mrs. Stowe, Cadets McGinn, Irwin, Moser, Seikop, Willard, Zion, Stearns, Robinson, Williams, Gilmor, McKelvy, Robinson, Christy, Sypher of the 1st Class, and Cadets Myers, Husey, Jewell, Magill, McDonald, Low, and Hobbs of the 2d Class.

The Japanese Government is to be represented by another cadet at the Academy next year, their present representative graduating in June. Motoboko Takasaki, who is to take Cadet Kagakazu Nire's place, visited the Academy during Saturday and Sunday. He is at present taking a preparatory course at a college in Washington.

Mrs. Lieut. E. K. Moore gave a very pleasant dinner to a few of her cadet friends of the 1st Class, in honor of Miss Stowe, who is visiting the Academy from Santa Barbara, Cal. A novelty was introduced in the form of string music during the different courses. Among those present were Miss Stowe, Mrs. Stowe of California, and Cadets Zahn, Irwin, Gilmor, Stearns, and Robinson.

By far the best game of foot ball played by the cadets this year took place Saturday afternoon with the Dickinson College team of Carlisle, Penn. The score was 32 to 6 in favor of the cadets. The game was called at 1.50, with the ball in possession of Dickinson. The ball was forced slowly toward the cadet's goal, which finally resulted in a touchdown and goal kicked by Patton of Dickinson. The ball was brought out to centre, and put in play by the cadets, Ford taking it. Before Dickinson realized what had happened, Ford had crossed their goal line with four men interfering for him. At the end of the 1st half the score stood: Cadets, 13; Dickinson, 6. In the 2d half nearly all of the playing was around Dickinson's goal. The ball would be brought out by Dickinson, only to be rushed back and a touchdown made by the cadets. Near the end of the game Patton, by a series of kicks, forced the ball within 10 yards of the cadet's goal. Here, however, it was caught by Hartung, who, rushing the whole line of the field, aided by the interfering of Althouse and Johnson, made a touchdown. The Dickinson team played a good game, but were outmatched by the cadets. During the game Cleaver of Dickinson, being hurt, was replaced by Wood. The tackling of Mills and rushing of Patton of the visiting team were especially fine. On the cadets' side the long rushes of Hartung and Ford and centre rushing of Emerich were superb. Althouse made some very brilliant tackles, and Macklin played a strong game. Following is a list of the teams as they played:

Dickinson.	Position.	Naval Academy.
Bricklee.....	Full back.....	Ford.
Patton.....	Captain and right half-back.....	Emerich.
Hartung.....	Left half-back.....	Hartung.
Mills.....	Quarter-back.....	Johnson.
Cleaver.....	Right tackle.....	Macklin.
Northrop.....	Left tackle.....	Ward.
McAllister.....	Right guard.....	Trench.
Frowdcliter.....	Left guard.....	Laue.
Hynson.....	Right end.....	Laws.
Terhune.....	Left end.....	Althouse.
Master.....	Centre.....	Irwin.

During the foot ball game the cadets heard a yell which startled them, yet sounded familiar. Upon investigation the source proved to be Lieut. Hodgson, an old-time foot ball enthusiast, whose melodious voice had cheered the team on to many a victory in times gone by. Lieut. Hodgson, while stationed here, was a great favorite among the cadets, and no matter how unpleasant the day, he was never known to miss a foot ball game.

Medical Director Walton paid the Academy a short visit Saturday. Lieut. J. T. Smith reported for duty Nov. 11. He is to be detailed as instructor in the Department of English History and Law.

Miss Sharp of Washington is visiting the Academy, a guest of Mrs. Lieut. Sharp. Among the departures this week were the Misses Blake, guests of the Misses Murray, and Miss Cox, guest of Miss Sigbee.

REVENUE MARINE.

Nov. 11.—1st Lieut. Francis Tuttle, detached from the Rush and ordered to the Hartley as executive.

2d Lieut. T. W. Denham, from the Hartley to the Walcott.

1st Lieut. O. S. Willey, from the Walcott to the Coffey.

2d Lieut. H. M. Broadbent, from the Hartley to Walcott.

Nov. 12.—Capt. L. M. Keene, from waiting orders to the Dix.

1st Lieut. W. F. Blakemore, from the Rush and ordered to report to the Treasury Dept.

BLACK, STARR & FROST.

SUCCESSORS TO

BALL BLACK & CO.

Fifth Avenue, Cor. 28th Street.

DIAMONDS, AMERICAN AND FOREIGN,
WATCHES, JEWELRY, STERLING SILVER
AND PLATED WARE, CLOCKS, BRONZES
AND FANCY GOODS. Will give SPECIAL
ATTENTION to ALL ORDERS BY MAIL; also
FOR GOODS OUTSIDE OF OUR LINE.

BLACK, STARR & FROST have models of the
West Point Class Rings for many years, and can
supply duplicates (in case of loss) at short notice.

**Fine Wines, Havana Cigars,
Fancy Groceries.**

ACKER MERRALL & CONDIT
17th STREET & 6th AVE.; BROADWAY & 42nd STREET,
130 Chambers St., New York.
Orders by Mail will receive prompt attention.

H. B. KIRK & CO.

CAN SUPPLY

For the Sick-Room,
For Grand Dinners

RELIABLE WINES AND LIQUORS

THAT ARE WELL MATURED. ALSO MEDIUM AGES.
Sole Agents for the PLEASANT VALLEY WINE CO.
Sole Agents for the INGLENOOK WINES, NAPA, CAL.
Bottled only at the Vineyard. Well matured wines.
No other House can furnish "OLD CROW RYE."
We sell no imitation or compounded goods.
90 FULTON STREET. 9 WARREN STREET,
BROADWAY AND 27th ST. ESTABLISHED 1858.

KEEP'S SHIRTS

MADE TO MEASURE, 6 FOR \$9.00.

None better at any price. These shirts have won their way
into nearly every town and city of the Union by their su-
perior fit, style, workmanship and durability. We have
everything pertaining to MEN'S FURNISHING GOODS,
and the largest establishment of this kind in New York.
Send for catalogue. Established 25 years.
KEEP MANUFACTURING CO.
809 and 811 BROADWAY, New York.
Branch Store: 114 TREMONT ST., Boston.

SLOAN'S SHIRTS

ARE WITHOUT A DOUBT THE BEST SHIRTS MADE
for the price, as THOUSANDS OF TESTIMONIALS from
ARMY AND NAVY Officers will prove them to have worn
and given better satisfaction than any other shirt they had
ever purchased. Catalogue and samples mailed free.
SLOAN MANUFACTURING CO.
775 BROADWAY, N. Y.

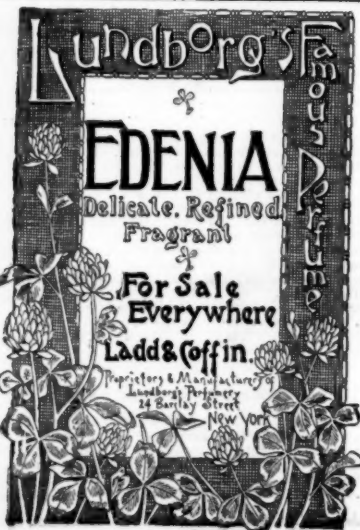
CALIFORNIA VINTAGE CO.

21 Park Place, N.Y.
Geo. Hamlin, Pres. Chas. Roome, Treas.
Fram. J. Treas.

CHOICEST OLD CLARETS, WHITE WINES, &c.
Send for Price-List.

(Est. 1862.) **F. W. DEVOE & CO.,** 101 FULTON ST., NEW YORK.**ARTISTS' MATERIALS**

OF EVERY DESCRIPTION.
Illustrated Catalogues on request. Correspondence invited
COFFIN DEVOE & CO. 176 Randolph St. CHICAGO.

**MT. DE CHANTAL,**

Near Wheeling, W. Va.

(UNDER THE CARE OF THE SISTERS OF THE VISITATION B. V. M.)

FULL ENGLISH, MATHEMATICAL AND
CLASSICAL COURSE.

Musical Department especially noted.

LOCATION UNSURPASSED FOR BEAUTY AND HEALTH.

For Catalogue and references to Officers of the Army and patrons in all the principal cities, address

THE DIRECTRESS.

Established 1811.

**CHOICE OLD
WHISKIES,****MILD, MELLOW AND DELICIOUS**

The peculiar medicinal qualities of Whiskey distilled from the finest growth of Rye in the renowned Valley of the Monongahela, have attracted the attention of the Medical Faculty in the United States to such a degree as to place it in a very high position among the Materia Medica.

We beg to invite the attention of connoisseurs to our celebrated fine OLD WHISKIES, which we offer at the following prices, in cases containing One Dozen Bottles each:

Three Feathers, Old Rye, 1865, \$21.00
Old Reserve Whiskey, - 18.00
Unrivalled Upper-Ten Whiskey, 15.00
Brunswick Club Whiskey, - 12.00

If you cannot obtain these Whiskies from your Grocer, we will, on receipt of Bank Draft, Registered Letter, or Post Office Money Order, deliver them to your address, by Express, charges prepaid, to all points east of the Mississippi river; and by freight to any part of the U. S. (prepaid).

For EXCELLENCE, PURITY and EVEN-
NESS OF QUALITY, the above are unsur-
passed by any Whiskies in the market.
They are entirely FREE FROM ADULTER-
ATION, and possess a natural flavor and
fine tonic properties.

These Whiskies are sold under guarantee to give perfect satisfaction; otherwise to be returned at our expense. Correspondence solicited.

H. & H. W. CATHERWOOD
114 So. Front St., PHILADELPHIA.

DRY STEAM

Always obtained from our improved vertical boiler.

"Perfect circulation and dry steam."—Prof. R. H. Thurston. "Would not do without your improvement in a boat boiler."—Herman Westinghouse.

B. W. PAYNE & SONS, Elmira, N. Y.**C. A. CAPPA'S**

7th Regiment Military Band of Sixty Pieces
and Orchestra

Furnish Music for all occasions.
25 UNION SQUARE, New York City.

WE MAKE A SPECIALTY OF SECURING FIRST-
CLASS INVESTMENTS FOR OFFICERS OF THE ARMY
AND NAVY: deal in Railway, Municipal Gas and Electric
Light bonds, bearing 6, 7 and 8 per cent. interest; also deal
in first-class Bank Stocks, and make a specialty of Electrical
stocks, some of which pay dividends of from 8 to 30 per
cent. per annum.

We can refer intending purchasers to many officers in
the Army and Navy for whom we have made investments,
some of whom have made enormous profits the past year.
We will buy securities for officers of the Army and Navy on
monthly payments.

For further particulars address

CATHCART & CO.,

BROKERS AND INVESTMENT BANKERS,
PIONEER PRESS BLDG., ST. PAUL, MINN.

WANTED—

ONE PRINCIPAL MUSICIAN FOR THE FIFTH IN-
FANTRY BAND, at Fort Thomas, Newport, Kentucky.
Must play cornet, or clarinet and violin.
Address ADJUTANT, 6th U. S. Infantry.

CHIEF MUSICIAN

WANTED, POSITION AS BAND LEADER, BY A GOOD
first violinist. Can lead with E♭ or B♭. Formerly
connected with military band for five years. Address
C. KRAMER, 409 6th Ave. N., Minneapolis, Minn.

THE Board of Officers, Lieut.-Colonel H. W. Law-
ton, I. G.; Major C. R. Greenleaf, surgeon, and
Major George W. Davis, J. A., appointed to assist the
Secretary of War to select the officers for the reor-
ganized Signal Corps, met at the War Department
Nov. 10, but as all the records of the officers eligible
for appointment had not been furnished by General
Greely, they adjourned until next week.

THE Board of Army Surgeons convened in New
York City for the examination of candidates for ap-
pointment to the Medical Corps have adjourned
without securing a single desirable officer. Twenty-
one candidates in all were examined, but none were
found qualified.

THE fifteenth annual reunion of the 28th and 147th
Regiments, Penna. Vet. Vol. Infantry, and Knapp's
Battery, Penna. Light Artillery, will be held at
Philadelphia Nov. 24.

THE annual reports of the bureau officials of the
Navy Department will be made public during the
coming week.

THE President has designated Thursday, Nov. 27,
1890, "to be observed as a day of prayer and thank-
sgiving."

ARMY AND NAVY JOURNAL.

PUBLISHED EVERY SATURDAY.

(ESTABLISHED 1861.)

NEW YORK, SATURDAY, NOVEMBER 15, 1890.

Office No. 240 Broadway, New York.

No attention is paid to anonymous communications, but
the wishes of contributors as to the use of their names will
be scrupulously regarded.

Subscriptions, \$6 a year, and pro rata for a less period. In
clubs of five, \$4; clubs of ten or more, \$3. Subscriptions
may be made through the Purchasing Department of the
American Express Company at any place where that Com-
pany has an agency. Agents will give a money order
receipt for subscriptions, and will forward the money order
attached to an order to send the paper for any stated time,
free of any charge, except the usual fee for issuing the
order.

Postage within the United States prepaid. Foreign post-
age, \$1.00 per annum, should be added to the subscription
price.

Remittances should be made by express money order,
post-office order, check, or draft, made payable to W. C.
and F. P. Church. Postmasters are obliged to register
letters if requested. No responsibility is assumed for sub-
scriptions paid to agents, and it is best to remit direct to the
office.

The date when the subscription expires is on the Address-
Label of each paper, the change of which to a subsequent
date becomes a receipt for remittance. No other receipt is
sent unless requested.

Change of address will be made as frequently as desired,
upon notification; not otherwise, as the changes announced
in the orders published in the JOURNAL furnish no author-
ity for changing the address of the paper. Both the old and
new address should be given.

We should be very glad to learn from any of our subscrib-
ers of any delay or failure to receive the JOURNAL, so that
we may give the matter our immediate attention.

W. C. and F. P. CHURCH, Proprietors,
Cable address: 240 Broadway, New York.

ARMYNAVY.

BOARD FOR EXAMINATION OF OFFICERS.

THE new Army promotion law will soon be in
practical operation. The Examining Boards have
been appointed, orders issued for officers to appear
before them, the scope and conditions of the examina-
tions prescribed, and all that now remains to begin
actual operations is for the presidents of the several
Boards to call their members together. It is with a
sigh of relief that the War Department authorities
announce the detail of the Examining Boards. The
preparation of the regulations prescribing the scope
of examinations was, in itself, no easy task, but
that is now considered light work as compared with
the many difficulties encountered in selecting the
officers to compose the Boards under the peculiar
conditions prescribed by the law and regulations.
The location of the Boards was another matter that
required considerable deliberation. Through the
intelligent assistance of Major Arthur MacArthur,
A. A. G., the Secretary has been able to decide upon
a plan which reduces the amount of travel of the
officers composing the Boards as well as those to be
examined to the lowest possible minimum, with
due regard to the results to be obtained in the ex-
aminations. For the sake of uniformity and many
other reasons the Department would have prepared
boards located at only two or three points, but the
matter of mileage being an important factor, it be-
came necessary to have a greater number. From
the orders issued this week it will be observed that
twelve boards in all have been appointed to meet
at seven different points. In New York there will
be three, one for the examination of engineer officers,
one for the examination of officers who were volun-
teers or appointed from civil life during the late
war, and the other for the examination of graduates
and those appointed from the ranks or civil life
since the war. There will be two each at San
Francisco, Washington and Fort Leavenworth, and
one each at Forts Sam Houston, Texas, Sherman,
Idaho, Keogh, Montana. Ninety officers in all have
been ordered to appear before these boards.

WE observe that the Kansas City Times, in notic-
ing the criticisms of Colonel Lazelle upon the New
Drill Regulations, adopts the familiar lawyer's ex-
pedient of abusing the opposing attorney. We
would respectfully suggest that it is not of the
slightest consequence how many volumes of Tactics
Colonel Lazelle has published. The only question
is whether his criticisms upon the proposed Drill
Book are sound and sensible. That is a matter what
deeply concerns the Army. As the Drill Book is

up for criticism and Colonel Lazelle is not, perhaps it will be quite as well to confine attention to the subject in hand.

A WESTERN correspondent, an officer who "loves and respects the uniform," writes: "It seems a pity that our canteen men (enlisted) should wear the undress uniform while on canteen work. If I want to buy and drink a bottle of beer, I don't like to have it served by Private John Doe of my own regiment or of any other regiment. The association of garb and of canteen occupation is unpleasant. Give the canteen men a distinctive uniform." There is merit in the suggestion, and, indeed, there are not a few who think it would be better that hired civilians should attend to the bar and store work of the canteen, with one or more sergeants on duty every day at the canteen especially charged with the maintenance of good order. The enlisted canteen steward, of course, can supervise matters, but it does not follow that he should take upon himself, or have to take upon himself the functions of a pot-boy. The uniform should have no association which in the least degree tends to degrade it.

FROM the London Marine Engineer of Nov. 1 we learn that the Admiralty contemplate a change in their method of designing and building their engines. Until two or three years ago all their engines were constructed by private firms, though the hulls were built in the dock yards. Recently some small engines were built at Sheerness and Devonport dock yards, and now the 7,500 h. p. engines of the *Phæbe* are building at the latter place. It is now the purpose of the Admiralty to have their own designs and specifications made at their own office at Whitehall—exactly as is done in our own Navy Department—and have the various contractors bid on the specifications. This insures their Government the best that can be specified, and is manifestly just to their contractors as they all bid on the same thing.

We tender our congratulations to Lieutenants H. J. Hunt, Charles J. Miller, John R. Seyburn, J. G. Ord and J. F. Dodge, U. S. Army, and wish for them a successful and honorable future.

THE Secretary of War has approved the recommendation of Chief Engr. Thom Williamson, U. S. N., Superintendent of the State, War and Navy Dept. Building, for an electric light plant for the State, War and Navy Department Building. The building is already wired and lighted from current obtained from an outside plant, but this method is considered both expensive and unsatisfactory. Four No. 16 Edison dynamos and the necessary engines and boilers to run them are to be erected in the sub-basement of the building at a cost of about \$25,000. Bids for the purpose have been invited. It is proposed to use the same plant for lighting the Executive Mansion, which is now being wired under the direction of Col. Ernst, with the assistance of P. A. Engr. George W. Baird, U. S. N. An effort will be made to have the new plant in operation in season for the next New Year's reception.

R. C. Voegt, in a letter from Copenhagen to the Engineer, proposes to destroy the propellers of attacking ironclads with what he calls sword vessels, small unarmed craft with high speed and protective armor, charging at a speed sufficient to secure the energy of a 30-ton gun fired at the muzzle. Assuming all the other conditions to be practicable, what is to happen to the machinery and crew of such a vessel when it is brought up standing? They would realize the experience of the Irishman who on being asked if his fall hurt him replied that it was not the fall but the stopping so sudden that did the damage.

THE annual report of the Secretary of War, which promises to be a most interesting document, will be published Nov. 17. We already have the reports of the Paymaster General, Commissary General and others, and shall publish them another week.

NOTWITHSTANDING that considerable influence was brought to bear upon the President and Secretary of War to secure the retirement of Captain Harry Reade, 25th Infantry, with three-fourths pay, they refused to overrule the action of the board.

ACTING JUDGE ADVOCATE GENERAL LIEBER is now at work drafting a new code of punishments for the action of the President and Secretary of War in accordance with the recent act of Congress.

ADJUTANT GENERAL'S REPORT.

THE annual reports of the Adjutant General are presented this year by Chauncey McKeever, Acting Adjutant General. In his report to the Commanding General of the Army he says:

The number of enlisted men now in service who are drawing increased pay under act of Congress of Aug. 4, 1854, is as follows: Five years' continuous service, 4,530; ten years, 1,901; fifteen years, 1,062; twenty years, 674; twenty-five years, 93; thirty years, 13; thirty-five years, 3; forty years, 3; total, 8,279.

The desertions from the Army during the past year are 480 less than the number reported in the last annual report, and the percentage to the enlisted strength has been reduced from 11 to 9. The cavalry lost 7.7 per cent. of its average strength, while the artillery lost 11.6 per cent., and the rate for the infantry was 9.3 per cent. The 1st, 6th and 8th Regiments of Cavalry had a total of 243 desertions, nearly 45 per cent. of the entire loss of the ten regiments of that arm of the Service: Troop C, of the 1st, losing 20 men; Troop F, of the 6th, 15, and Troops E and H, of the 8th, 13 men each. The loss in the 1st and 2d Regiments of Artillery is nearly equal, while in the 4th Regt. the rate reached 16.1 per cent. The light batteries suffering the greatest loss are: E, of the 1st, 15 men; A, of the 2d, 19; F, of the 3d, 18, and H, of the 4th, 20 men. In the infantry, the 4th, 16th, 19th, 24th and 25th have the lowest rate, it being only an average of 4 per cent. of the strength of these regiments; but in the 7th, 12th, 17th, 20th and 22d the rate reached an average of 14.7 per cent. Co. H, of the 17th, lost 12 men; H, of the 20th, 11 men, and H, of the 22d, 13 men.

Under the act of June 16, 1890, there have been discharged up to Oct. 1, 1890, 119 men by purchase and 98 as veterans.

The statistics of Army schools are as follows: Number of post schools, 91; school attendance—enlisted men, 2,328; children of officers, 97; children of enlisted men, 449, and children of civilians, 211.

Three important requisites are necessary to insure success in schools, viz.: Competent teachers, a full supply of text books and school supplies, and suitable accommodations for the scholars.

The concentration of large bodies of troops for practice, marches and field instruction was, of necessity, omitted during the past summer, but department commanders were authorized to make arrangements for such field exercises as could be had without increased expense.

At present canteens are in successful operation at 68 posts, and during the six months ending June 30, 1890, transacted a business of \$474,625, with a resulting profit of \$88,430. The word "canteen" has contracted a specific meaning from many years of use in European armies, and is generally understood as describing a drinking place, where soldiers assemble for more or less vicious revelry. As conducted in the American Service, the canteen is simply a co-operative establishment, in which a general business, under careful military supervision, is conducted in the sole behalf of the enlisted men of the Army. The testimony of officers who have reported on the practical operation of canteens confirms the wisdom of the action of the War Department in fostering and encouraging the extension of the system. There can be no question that it has contributed largely to the comfort and contentment of enlisted men, and thereby improved and strengthened discipline throughout the Service.

Temporary rendezvous have been opened from time to time since January, 1890, by officers of the general recruiting detail, in over 40 smaller cities and towns, whence recruiting parties have been sent into the surrounding rural districts, and persistent efforts have been made to obtain recruits from farming and other communities away from the great centres of population. In like manner, special regimental recruiting parties have been sent out into about 30 different towns to conduct temporary rendezvous therein and freely canvass the contiguous rural districts. Some of these tours were very successful—others only fairly so, and in some instances the results as regards the number of recruits obtained were very meagre. The class of men thus obtained is believed, from reports received, to be considerable above the general average; and during the present fiscal year, with the additional appropriation made for the purpose, it is proposed to extend the plan in order that its merits may be more fully tested. It is also to be noted that the general testimony of officers sent in charge of traveling recruiting parties is to the effect that whether or not any immediate results were accomplished in the way of enlistments, much prejudice against service in the Army was removed by the dissemination of information concerning the nature and conditions of the military service and the inducements offered young men to enter the Army. There is reason to believe that the way has thus been prepared for more substantial results in the near future.

As a result of the large decrease in the number of desirable applicants for enlistment, the Army is now over 1,600 below its authorized strength, while, for the present at least, the number of discharges under the provisions of the act of Congress approved June 16, 1890, will undoubtedly be large and tend to increase the number of vacancies until such time as the number of enlistments can be materially increased. It is expected, however, that the law referred to will contribute in no small degree to the end which has been constantly kept in view, viz., the filling of the ranks with contented and effective soldiers. The total number of enlistments and reenlistments in the Army for the fiscal year ended June 30, 1890 (excluding those not included in the legal limit of 25,000 men) was 7,845. Of the 17,563 applicants for enlistment, over 73 per centum of the whole number were rejected by recruiting officers as lacking the necessary qualifications.

During the past year newly enlisted men have been retained, as a rule, at least three months at the recruiting depots for instruction before assignment to regiments.

In January last detailed instructions were communicated from this office to govern in the treatment, instruction and discipline of recruits at the depots, and from reports received it is apparent that a marked improvement in the condition of these commands has resulted. It is also reported that the orders and instructions given during the year for the purpose of securing a better class of recruits

have effected a noticeable improvement in that direction, as observed in the morale of the men at the recruiting depots.

REPORT OF THE CHIEF OF ORDNANCE.

GEN. BENÉT in his annual report recommends that the law be amended so as to authorize the purchase of supplies not in excess of \$200 in open market. 30,730 rifles and carbines have been manufactured during the year. Extensive experiments have been carried on abroad with smokeless powders, but this Department has been able to procure very small samples only and tests have hence been limited exclusively to small arms. The performances of the Maxim (American) and the Wetteren (Belgian) powders have been fairly comparable with those claimed to be obtained abroad, and it is hoped that one of these can be developed in time into a thoroughly satisfactory small arms powder. 500 lbs. of Wetteren have been ordered to be used in testing .30 calibre magazine arms. Delay in the receipt of this has prevented the perfecting of the details of the .30 calibre barrel. Concerning magazine guns, Gen. Benét says:

It is now eight years since the last Magazine Gun Board recommended the Lee, Chaffee-Reece and Hotchkiss guns for experimental issue to the Army. The Lee proved to be much the best of these three, but though an excellent gun and the original type from which the best arms in use today have developed, it is not considered by the Army at large as equal in all respects to the service Springfield singleloader. The improvement in magazine mechanism has been rapid since that time, and it seems peculiarly necessary, now that a change in calibre is contemplated, that our present Springfield single loading system should be replaced if possible by an equally efficient magazine system.

A further transfer of manufactures from other arsenals to Rock Island is contemplated. Satisfactory progress has been made with the Army Gun Factory and details are given of the work thus far. Work will soon commence in the new shop on jackets, hoops and breech mechanism; in the mean time work on the 8 inch gun is going on in the old shop. Sept. 30, 1890, the \$700,000 appropriated had all been expended or obligated to meet outstanding contracts. The work of completing the plant to give an estimated annual output of 24 guns (twelve 8 inch, seven 10 inch and five 12 inch) per annum is now being prosecuted from the appropriation of \$165,000. Aug. 18, 1890, \$330,000 was appropriated at the same time for the equipment of the south wing and the intention is now to equip the wing for the manufacture of both 12 inch and 16 inch guns—in the proportion of about fourteen 12 inch to three 16 inch guns.

The dynamite guns previously made and modified are nearly ready for Sandy Hook. The contract for the delivery of the new guns for New York and Boston has been extended for a year, and it will be necessary to extend that for San Francisco. Two 10-in. steel Woodbridge wire-wound guns are under way. A noticeable innovation in the manufacture of this gun is the introduction of electric welding by means of which the ends of the various coils of wire are readily welded as the winding progresses and a continuous strand of wire is wound upon the gun. The strength of joint produced by this method has been found to be superior to the splicing and soldering process previously tried. In addition to this it is a great improvement over older methods in economizing time and labor. Marked success has been met with in procuring the steel wire for these guns from home manufacturers.

During the past year the following type guns have been completed at the Watervliet Arsenal: One 8-inch B. L. rifle, steel; one 10-inch B. L. rifle, steel; one 10-inch B. L. rifle, cast-iron, wire wrapped; one 3.6-inch B. L. field gun, steel; one 3.6-inch B. L. field mortar, steel, and carriage. The completion of a type 12-inch B. L. steel rifle is expected by next February. A 10 inch B. L. steel wire gun and 12-inch B. L. steel mortar should be completed next spring. The following shows the maximum results of the tests of these guns thus far:

	8-in. B. L. rifle.	10-in. B. L. rifle.	3.6 in. field gun.	3.6-in. B. L. mortar.
Powder, lbs.	140	255	416.6oz.	160z
Weight of projectile, lbs.	300	571	30	20
Density of loading	1.0735	1.0026		.88
Muzzle velocity, f. s.	1,975	1,953	1,560	677
Pressure, per sq. in.	40,000	37,285	35,730	18,500
Muzzle energy, ft. tons.	7,973	15,118		

The tests of the mortar gun carriage received from Europe show that the springs are too weak, and stronger ones are being procured. The second carriage is expected in a month or two.

An experimental barbettes carriage for the 12-in. B. L. rifle, designed for use with a hydraulic elevator or gun lift, is under manufacture at Le Creusot, France, and is expected by the time that the gun is ready for it.

The 10-in. pneumatic disappearing carriage being constructed by the Pneumatic Gun Carriage and Power Co., should be ready for test late in the coming winter. An allotment has been approved for the construction of an experimental disappearing carriage for the 10-in. B. L. rifle upon the design of Lt. W. B. Gordon, O. D. A third type of disappearing carriage is under study in the Ordnance Office. A second carriage for the 5-in. B. L. siege rifle has just been completed, and will shortly be tried at the proving ground. A design for a carriage for the 7-in. B. L. howitzer, siege, has been prepared in the Ordnance Office and the carriage is about to be put in manufacture. The field carriages continue to give satisfaction. During the year ten 15-in. front pintle carriages have been altered at the Watervliet Arsenal to adapt them for the service of the 15-in. S. B. guns, using the increased charge of 180 pounds powder; also twenty-nine 10-in. front pintle barbettes carriages for the service of the 8-in. M. L. rifles, converted.

A carriage of special design is being constructed to test the recoil velocimeter ordered from abroad. With 25 now about finished seventy-five 3.6 in. field guns have been completed, and 24 more are expected during the coming year, besides twenty-six 3.2 in. B. L. guns, sixteen 3.6 in. B. L. mortars, ten 5 in. B. L. guns, and ten 7 in. M. L. howitzers.

During the year 34 caissons and limbers and eight combined battery wagons and forges have been manufactured at the Watervliet Arsenal. It is expected that by the end of next year the one hundred 3.2 in. guns then completed will be supplied with the full complement of carriages, etc., except that 25 of the guns will be mounted on the heavy model

gun carriage, which will be ultimately relegated to the service of the heavier 26 in. field battery gun. Up to date, the regular batteries and one battery each of the State militia of Vermont and New York have been supplied with the new field material.

The Board of Fortifications estimates for forty-four 16 inch guns to be mounted in pairs on turrets, 36 of these at New York, San Francisco and Boston. The length of the proposed 16 inch gun is about 45 feet, the length of bore 35 calibres, and the weight 125 tons. It will fire a charge of about 1,000 pounds with a projectile of over one ton in weight. The estimated muzzle penetration in iron is about 3 feet, and the maximum range about 15 miles.

In the different European navies there are 139 heavy guns of a calibre superior to 12 inches, besides those in the land service. Thirty-eight of 16 inches calibre and upwards are mounted on armored seagoing ships.

In concluding Gen. Benét says:

In closing this my last annual report of the affairs and operations of the Ordnance Department, of which I have been an active member for more than 41 years of continuous service, more than 16 years of which I have held the position of Chief of Ordnance, I deem it my pleasure and duty, now on the eve of retirement, to give expression to my heartfelt appreciation of the great and important duty performed by the officers of the Department and the manifest success of their combined endeavors. The Ordnance Department has aimed, through the intelligent labors of its officers, to keep abreast of the improvements of the age in matters pertaining to arms, equipments and the construction of ordnance, and it may justly claim to have attained success. After these many years of hope deferred, the Department can congratulate the country on the establishment of a Gun Factory for the military establishment, through the action of Congress, where even at this early date and before much of the special machinery has yet been procured, samples of 8 and 10 inch high power guns have already been completed, with results eminently satisfactory, results that give proof positive that the Department is competent to fully respond to the demands of the country. And in felicitating the Army and country on this success and triumph of American scientific and mechanical skill, it is only fair and just to say that great credit is due to those officers of the Ordnance Department who have labored early and late in its accomplishment.

THE SIGNAL SERVICE.

BRIG.-GEN. A. W. GREELEY in his annual report for 1890 reports a decided improvement in the condition and efficiency of the Army as regards signal practice, which has been obtained to a greater extent than for many years. The records show that no less than 393 officers of the line have been under instruction during the year, representing for the first time in many years every regiment of the Army. Forty per centum of the available officers of the line are either moderately proficient in the transmission of messages by signaling, or have received instruction therein during the past year. At least 1,500 enlisted men have been instructed, since during both December and February nearly 1,100, enlisted men were engaged in practice. The reiterated recommendations of the Chief Signal Officer regarding the detail of an officer of the Signal Corps as instructor in signaling at one of the great schools of the Army (Fort Riley, Kas.) have been at length favorably viewed, and at an early date instruction will begin. By far the most important event in connection with the Signal Corps of the Army has been the unprecedentedly successful establishment and maintenance of an elaborate system of heliograph signaling in the Department of Arizona. The credit for this work deservedly belongs to Asst. Adjt.-Gen. Wm. J. Volkmar, who in addition to his staff duties, voluntarily assumed those of the Chief Signal Officer of the Department. Maj. Volkmar undertook the task of practically testing the scheme of coverage, with an inter-related system of heliograph stations, such parts of his department as were of special military importance. About 1,000 miles of heliograph lines were operated and 33 officers and 129 enlisted men took part in this remarkable practice, during which nearly 4,000 messages and 100,000 words were exchanged. The regular transmission and interchange of messages were had on greater ranges than have ever before been known in any military practice or, indeed, by any method. Previously 75 miles constituted an extreme range for military heliograph work but in this practice messages were successfully sent and answered over ranges, respectively, of 85, 88, 95, and communications had at 125 miles. Two new military telegraph lines have been constructed during the year and 278 abandoned. The report, as usual, gives a detailed account of the meteorological work done during the year.

THE MILITARY ACADEMY.

COL. JOHN M. WILSON, Superintendent of the West Point Military Academy, has submitted to the War Department his annual report. He says that there were 294 cadets at the Academy Sept. 1, 1890, and at the date of his report 289, four of whom were admitted Sept. 1, 1890. The number includes one cadet from Switzerland and one from Central America. He earnestly urges that except under extraordinary circumstances no further September appointments be made and that the June candidates be notified a sufficient time in advance of reporting to permit them to prepare for the examinations. He also suggests that candidates report for physical examination to the nearest medical officer of the Army immediately upon appointment, so that in the event of physical disqualification their appointments could be at once revoked, and they be thus spared further expense and mortification. The condition of the corps of cadets, as regards drill, discipline, and instruction, has been excellent. In view of the limited period for field artillery drill, it is urgently recommended that another battery of new 3-10 inch field guns be supplied to the Academy. The season's and piece batteries are also reported to be in bad condition, and three guns burst during the year, fortunately without serious results. Those supplied in their place are old guns used during the Rebellion, and the Superintendent says it would be criminal on his part to endanger the lives of the cadets by practicing with these obsolete pieces, and he recommends that new 5-inch breech-loading steel guns be furnished. He says also that the battery instruction should be placed at once upon an independent footing and that 50 horses and 30 artillerymen should be furnished. The light at present supplied to the Academy is said to be of inferior quality, and the Superintendent submits estimates for a complete electric light plant, to cost \$60,000.

The match for the Abel Trophy took place at the 7th Regiment Armory on Thursday evening, Nov. 13. It was won by Co. B—623 points; the next highest was Co. H, 622.

The Omaha Bee, referring to the present visit of Col. T. H. Stanton, U. S. A., to Oakland and Washington, says: "Colonel Stanton, as is well known, was for many years one of the nearest and devoted friends of Gen. Crook, and participated in a number of his campaigns as a trusted associate in the field. He was one of those specially designated to assist in Gen. Crook's interment at Oakland, and is again honored in being called upon to lay the remains of his old friend and companion in arms in their final resting place in beautiful Arlington. There, Gen. Crook will be finally laid to rest in the midst of 16,000 honored dead, his comrades in the great struggle for the perpetuation of national unity."

ORDNANCE NOTES.

The bids submitted by the Risdon Iron Works and Fulton Iron Works, of San Francisco, for assembling and finishing 35 12-inch, rifled mortars for the use of the Army on the Pacific Slope, have been rejected as excessive. The lowest of the two bids was \$2,445 each as against \$1,350 each for the same work recently bid upon by the South Boston Iron Works.

The War Department has decided to accept the bid of the West Point Iron Foundry for the construction of six 8 inch B. L. guns on their bid of \$4,975 each. The bids of the South Boston Iron Works for the 10 and 12-inch guns, will be rejected, and the guns built at Watervliet.

Mr. J. A. Longridge, of wire-built gun fame, is bringing out an improvement in B. L. ordnance, where the plug carrying the obturator is attached to a cap which encloses the breech end of the jacket of the gun, and screws on the exterior thereof. By a very ingenious arrangement of cutting away the threads, and by making each series of threads follow in general outline the figure of a frustrum of a cone, the cap may be at once swung aside round a pivot without the necessity of first being drawn back.

Secretary Proctor left Washington again on Wednesday without finally deciding upon the detail of the Small-Arms Board. He had the matter under advisement, but did not finally determine upon the full detail. It is thought probable now that Col. A. V. Kautz will be made president of the board instead of Gen. Brooke, as recommended by Gen. Benét. Lieut.-Col. R. H. Hall, 6th Inf., will be one of the infantry officers selected for the detail, and Major George W. McKee and Capt. Blunt will undoubtedly be the ordnance representatives.

Bids were received by the Army Ordnance Department Nov. 12 for furnishing armor piercing projectiles of American manufacture from the following firms: Carpenter Steel Co., at \$150 each for 8-inch, and \$235 each for 10-inch; Midvale Steel Co., \$150 each for 8 inch, and \$257 each for 12-inch, and the Sterling Steel Co., at \$300 each for 8-inch, and \$575 each for 10-inch. The projectiles are to be of American manufacture, and must be equal in all respects to the Holtzer.

LAST HONORS TO GENERAL CROOK.

The body of the late Gen. Crook was brought to Washington Nov. 12, from Oakland, Md., and was interred with military honors in the National Cemetery at Arlington, in the presence of a few old-time friends of the dead soldier. The body was escorted to Washington from Oakland by Gen. Schofield, Gen. Breck, Col. H. C. Corbin, Webb S. Hayes, Col. T. H. Stanton, Capt. John G. Bourke and Lieut. Andrews. At the Virginia end of the Aqueduct Bridge the procession was met and escorted to the cemetery by Troops B, 4th, and B, 6th Cavalry, from Fort Myer. There was no special ceremony at the grave. The soldiers fired three times and the trumpet blew "taps," and as the earth was shoveled into the grave the party moved sorrowfully away.

OFFICIAL RECORDS OF THE REBELLION.

In its annual report to the Secretary of War the board of publication of the rebellion records says that as the chief purpose of the act of March 2, 1889, was to expedite the publication of the work, it was determined to devote a large part of the appropriation for the year to the printing and distribution of volumes already in type. Ten books were published and distributed, containing the accounts of the Chancellorsville and Gettysburg campaigns and the important sieges of Vicksburg and Port Hudson. The other departments of the work, however, were not neglected, and the force employed in stereotyping, indexing and compilation was kept steadily at work during the year. As a result seven books were stereotyped, carrying the official accounts to the end of 1863, and 12 books were indexed, of which 11 were practically ready for publication at the close of the fiscal year. The compilation of the second series, relating to prisoners of war, and the volumes of the first series, relating to the operations of the year 1864, were carried forward as rapidly as possible by the limited force available.

NEW PUBLICATIONS.

Messrs. John Wiley and Sons announce that Logarithmic, Trigonometric and other Mathematical Tables, by Lieut. H. W. Ludlow and Prof. E. W. Bass, are ready.

The December Century will contain four complete stories, by Elizabeth Stuart Phelps, Joel Chandler Harris, Richard Harding Davis and Maurice Thompson. Three of them are illustrated. The coming year of the Century will be unusually strong in fiction. Edward Eggleston's novel, the theme of which is the "Faith Cure," will begin in February; Frank R. Stockton's "The Squirrel Inn" will follow F. Hopkinson Smith's novelette, and a great number of short stories will be printed during the year.

Home and Country for November, 1890, appears in a new and handsome dress, and with many matters of interest to veterans of the war. Comrade Joseph W. Kay, the editor and publisher, referring to this says: "The change of dress does not imply a change of heart. It simply emphasizes our position and at the same time shows our taste."

LIEUTENANT C. H. CABANISS, 18th U. S. Infantry, left Fort Clark, Texas, Nov. 10 for Camp Langtry, Texas, where he will be in command for the next two months.

MISS TERESA BLACKBURN-STEWART, daughter of Senator Blackburn, of Kentucky, and Capt. William Preble Hall, 5th Cav., were married in St. John's Episcopal Church, Washington, Wednesday afternoon, by the Rev. Dr. Douglas. The bride was given away by her father, Senator Blackburn. The newly-wedded couple will spend their honeymoon in Georgia and Florida and then go to Fort Reno, I. T., where the groom is stationed.

(Correspondence of the Army and Navy Journal.)

WEST POINT, N. Y.

NOVEMBER 11, 1890.

FIRE drill took place for the first time this season on Friday afternoon. Much interest is being taken in the games of football played by the cadets each Saturday afternoon in preparation for a match with the Annapolis team, which is expected at the post on Saturday, Nov. 20.

Lieut. Chas. G. Treat, 5th Art., and Mrs. Treat; Capt. F. M. Gibson, 7th Cav., and Mrs. Gibson; Mrs. Squiers, wife of Lieut. Herbert G. Squiers, 7th Cav.; Lieut. G. H. Macdonald, 1st Cav.; Lieut. W. Kiburn, U. S. N.; Miss Gibson, daughter of Col. H. G. Gibson, 3d Art., of Washington, a guest of Mrs. Pratt; Miss West, of Washington, a guest of Mrs. Bass; Miss Rathburn, who is visiting Mrs. Metcalfe; Mrs. Smith, wife of Col. J. A. Smith, Engineers, who is visiting Miss Berard; Maj. A. E. Bates, Paymaster's Department, relatives of Cadets Andrews, 3d Class, and Son, 4th Class, have been among the long list of recent visitors.

Mrs. Carson is visiting at the home of her mother-in-law in Washington, where she will remain for a month; Miss Hawkins is visiting Miss Parke, daughter of Gen. Parke, in the same city. Capt. W. H. Miller, who will succeed Capt. Williams, as Quartermaster of the post, reached here last Saturday. Dr. McEldey returned from leave on Monday. Among social doings may be mentioned a meeting of the Gaiety Club at Lieut. Dods' on Friday evening, at which prizes were given (six handed) was played.

On Saturday evening, Mrs. Postlethwaite gave a large cadet entertainment, at which the game of Tiddledy Winks, at present in much favor here, was played. The cadets present, all of whom were members of the 2d Class, were: Cadets Prince, Cavanaugh, Weeks, Harrison, Chamberlaine, Reeves, Shipton, Morton, Summerall, Whitney, Pipes, Jamison, Smith, W. R. Blakely, Chase and Hiscock. The ladies included Mrs. Deroy, Mrs. Cameron, Misses Michie, Mai Crayner, Harriet Hewkins, Theodorike, McMullan, Reynolds, Hunter and Pratt. Prizes were won by Mrs. McMullan and by Cadets Prince, Weeks and Whitney.

New quarters for enlisted men are being erected north of the school house. A large building, costing \$15,000, is being constructed opposite the work shops built last year. It will be used for storage purposes, etc.

The designs submitted for a battle monument (to be placed on Trophy Point) in memory of the officers and men who fell during the War of the Rebellion, and for which over \$50,000 has been raised, are now on exhibition in the Drawing Academy, and are well worthy a visit. The designs, four in number, two by one firm, are of great beauty, and the task of selection could have been no easy matter for the committee appointed for that purpose. This committee are Prof. Michie, Bass, Mercer and Larned, Messrs. St. Gaudens, Roach and Huntington. The successful competitors were Messrs. McKim, Mead and White. The description is a somewhat difficult matter; a photograph would convey an idea much more readily than many words can do. For the benefit of those who will not have the opportunity of seeing either design or monument, this description is attempted. The base is circular in form, the approach being by steps of rough granite. Upon the level thus gained are eight carved pedestals of granite surmounted with eagles of bronze. A further ascent of a few steps brings one to the foot of the main column. This column consists of a carved pedestal of rough granite similar to those described above. Upon this rests a shaft 46 feet in height of a single stone of polished granite. Upon the cornice rests a ball of bronze upon which stands a winged figure of Victory. The inscriptions upon the pedestals are too minute to decipher without the aid of a glass. The design is effectively set off by a background which represents the north view from Trophy Point, and is of itself very beautiful.

The season of officers' hops will begin early this year. The first hop will be given this evening, and hereafter one will take place every other Tuesday evening until Lent.

Cadet appointments to West Point have been issued during the past week to the following named persons:

Edward H. Schulz, Wheeling, 1st Dist., W. Va.
John H. Hughes (alt.), Glenview, 1st Dist., W. Va.
Francis P. Sviriter, 29th Federalist, Allegheny, 23d Dist., Penn.
Wm. Gray Sills, Nashville, 4th Dist., N. C.
Simoon W. Loring, Mayaville, 3d Dist., Mo.

(Correspondence of the Army and Navy Journal.)

FORT ASSINNIBOINE, MONTANA.

CAPTAIN BENTZONI, 25th Infantry, from Shaw, Rodman 20th Infantry, from P. P. River, Cusick, 23d Infantry, and Lieut. Fague, 15th Infantry, from Buford, have been here for the past few weeks on duty as members of the Court-martial trying Sergt. Rose, which convened here Oct. 23, and is still progressing with the case. The counsel for the prisoner entered the plea of insanity, and numerous witnesses have been examined to sustain the plea. Surg. DeWitt was summoned by the Court from Missoula to hear the evidence. He stated that, in his opinion, the prisoner was controlled by an insane impulse in shooting at Capt. Coe, and that he suffered from epileptic insanity. The Court will probably reach a verdict to-morrow. The case has excited a good deal of interest here.

Dr. Fisher returned from a four months tour of field duty near Keogh about two weeks ago, and after remaining a few days was ordered to Totten for temporary duty.

Lieut. Webber, 20th Inf., left to-day on a six months sick leave, and will visit an oculist in the East to have a cataract removed from one of his eyes.

Lieut. G. H. Macdonald, 1st Cav., now on leave in Chicago, has applied for a two months' extension, which has been forwarded approved.

Lieut. A. A. Cabaniss, 20th Inf., will represent his regiment at the Cavalry and Infantry School this year.

Lieut. Charles Gerhardt, 20th Inf., who is to be married in a few days to Miss Watkins, of Richmond, Va., is expected to return here with his bride the latter part of the month.

Miss L. H. Bates, who has been visiting Mrs. Captain Ward for several weeks, leaves next Monday for her home in Los Angeles, Cal.

Mr. E. T. Broadwater, with his bride, a sister of Lieut. H. B. Moon, 20th Inf., arrived here from Missouri a few days ago. He is bookkeeper for Broadwater, McCulloch and Co., post traders, and Mrs. Broadwater is well known at the post where she has many friends.

Major J. M. Hamilton, 1st Cav., is Justice of the summary court in operation here. His punishments have been extremely light compared to those previously given by court-martial.

The water supply still continues to be a subject of deep interest. The spring has about ceased running, and the water has to be hauled some distance from up the stream. The post would fare badly in case of fire.

LIEUTENANT W. S. HUGHES, U. S. N., has been ordered to take charge of the Branch Hydrographic Office Maritime Association, New Orleans, La.

The Secretary of War, accompanied by Lieut.-Col. M. I. Ludington, left Washington Nov. 12, for a visit of inspection to Fort Thomas, Newport Barracks, Columbus Barracks, Ohio, the ordnance depot at Jeffersonville, Ind., and General Merritt's headquarters in St. Louis. They will return to Washington Nov. 19.

HENRY GUY CARLETON, whose marriage with Edie Shannon, the actress, has surprised his many friends, is a son of the late Gen. James Henry Carleton, U. S. A., from whom he inherits his literary tastes. Gen. Carleton was the author of many valuable books on the Mexican War and Navajo Indians. Mr. Carleton has two sisters who are married to naval officers.

BRAZIL AND THE UNITED STATES.

As the Brazilians are to send a squadron here to reciprocate the courtesy extended by our sending the squadron under Admiral Walker to Brazil, the admiral's report of his reception there is of special interest just now. It is as follows:

I sailed for Rio de Janeiro at 5 P. M., June 19, arriving there on the morning of June 23. The squadron had barely reached the entrance of the bay when the especial emphasis and importance which the Brazilians have attributed to its mission were manifested. Without waiting for that salute to the port which is invariably the first ceremony attending the arrival of men-of-war, Fort Santa Cruz hoisted the American flag and fired a salute of 21 guns, at the same time dipping the Brazilian flag to the passing vessels, a most conspicuous and unusual courtesy. Fort Lage joined in this salute, and as the squadron passed up the harbor, Fort Villegagnon and the Brazilian ironclad *Aquidaban* each saluted my flag with 17 guns. Bands in fortresses and vessels of war played the American national air. These salutes were all duly returned by the *Chicago*. The squadron moored in front of the city at 11 30 A. M. On the evening of my arrival, the vessels under my command were serenaded by the boats of the Brazilian squadron. Arranged in divisions, carrying American and Brazilian flags, illuminated with colored lights, and displaying fireworks, they moved about the American ships, and their bands playing the American and Brazilian airs. Our crews were sent into the rigging and this courtesy was acknowledged by repeated cheers. On June 24 I made the usual calls afloat, and also visited the United States Charge d'Affaires, Mr. James Fenner Lee. On June 26, in company with Mr. Lee, I called upon the Minister of Foreign Affairs, War and Marine. On that morning, and after the appointments to make these calls had been made, Mr. Lee showed me a cable message from the Secretary of State, directing him to call upon me, and to accompany me upon a visit to the Minister of Foreign Affairs, for the purpose of extending the congratulations of the Government of the United States, upon the promulgation of the Constitution of the United States of Brazil. These instructions were carried into effect.

On the 29th, a large deputation, composed of representatives of the Military, Naval and Polytechnic Schools, the workmen, several societies of Rio de Janeiro, and the press, waited upon me to request, "in the name of the Brazilian people," that I would prolong my stay in order that there might be time to manifest a proper appreciation of the visit of the squadron. I thanked them and informed them that it was beyond my power to remain indefinitely, and that I had already arranged to stay several days beyond the time anticipated by my Government.

On June 30, Vice Admiral Wandenkolk, the Minister of Marine, returned my call and was received with all the honors due his rank and station.

On the same day, at 1 P. M., accompanied by my personal staff and the commanding officers of the squadron, I was received by Field Marshal Doodoro da Fonseca, the Chief of the Provisional Government of Brazil. I told his Excellency that my Government had sent the squadron under my command to Rio de Janeiro, upon a complimentary and friendly visit, to salute the flag of Brazil, and to manifest its sympathy with the progressive movement which had recently been inaugurated; that I felt honored by the opportunity of paying my respects to him, and gratified to be the first commander-in-chief of a United States squadron to be received by the first President of the Republic of Brazil. I wished him, personally, every success and prosperity, and to the State of which he is the head that influence and power in American affairs to which its great area, vast natural resources and the patriotism of its people so clearly entitled it.

Marshal Fonseca's replies were complimentary and appreciative. His manner was warm and sincere as he spoke at length of his pleasure at the visit of the squadron, of his gratitude to the United States for its countenance and sympathy, and of the political example presented by the Great Republic of the North, at this present time, to all Brazilians.

On July 1, the Naval Club gave a picnic to the officers of the squadron at the Botanical Garden. On the 2d, the officers of the Brazilian Navy gave an afternoon reception on board the ironclad *Riachuelo*, the invitations being issued by the Minister of Marine, and on the 3d, Gen. Benjamin Constant, the Minister of Public Instructions, gave a picnic at Corcovado. All these occasions were more than semi-official in character, and I required the officers to appear in uniform. Marshal Fonseca was present at the reception on board the *Riachuelo*, and at the Corcovado picnic; and there were always members of the Cabinet, and other high officials, to assist in the entertainment, and to show myself and my commanding officers personal attention. The ladies were distinguished by unbounded hospitality and courtesy, and by marked expressions of sentiments and enthusiasm, and in every possible manner the Brazilians sought to show their respect and admiration for our country.

The squadron celebrated the Fourth of July in the usual manner, by dressing ship and firing national salutes at noon. The Brazilian ships joined, and Fort Villegagnon also saluted. At 12.30 P. M., President Fonseca was received on board with the honors due the Chief of a State, and the entire squadron manning yards and saluting.

The President and his staff breakfasted with me. The Ministers of Public Instruction, Interior and Marine had also been invited, but for various reasons could not accept; but the Minister of Marine was represented by Rear Admiral Foster-Vidal, Chief of Staff of the Brazilian Navy. The President remained on board until 4 P. M., evidently much pleased with his visit and reception, and then left for flagship, the same honors being rendered upon his departure as those which had attended his arrival. The Ministers of Foreign Affairs and Public Instruction also visited the ship during the afternoon, and other members of the Cabinet sent on board representatives, with their compliments and congratulations.

At about 3 o'clock in the afternoon, the training brig of the Brazilian Naval School, dressed with flags, and her yards manned by naval cadets, was

towed down the harbor and through the American squadron, cheering each ship. As she passed the *Chicago*, the *Aquidaban* saluted her with 21 guns and manned yards, which compliment was returned in kind by the vessels under my command. The training brig came to anchor, and I was waited upon by a delegation of Naval Cadets, who presented to me, in the name of the Alumni of the Naval School, a massive gold medal which they had caused to be struck, to commemorate the visit of the squadron to Brazil. They also brought and presented souvenirs of the visit to the three commanding officers.

In the evening, the ships of my squadron were handsomely illuminated with Chinese lanterns, and a fine display of fireworks. This was done at the personal expense and volition of the officers and crews, who are always ready to do their best for the appearance and credit of the squadron. The same evening, with a large number of the officers under my command, I attended a beautiful ball at the Casino Fluminense, where I was personally received by Marshal Fonseca.

On the morning of July 5 I got the squadron underway, formed it in column of vessels, and stood up through the Brazilian squadron, the band playing their national air; then counter-marched, saluted the Brazilian flag with 21 guns, and went rapidly to sea. The salute was answered by the *Aquidaban*, and Forts Villegagnon, Lage and Santa Cruz saluted my flag, which salutes were returned by the *Chicago*.

The Brazilian squadron, consisting of the *Aquidaban* and the *Guanabara*, under command of Rear Admiral Balthazar de Silveira, is expected at New York next week. The *Aquidaban* is a double-turreted armorclad of 5,000 tons displacement, 52 by 250 feet, and 18 feet draught, built on the Thames in 1885. She has ten inches of compound armor on her turrets, and from 7 to 11 inches on her sides. She has 6,200 h. p. and 15 knots speed. Her armament is four 9½ in. 21 ton guns, four 5½ 5 ton B. L. and 17 machine guns. She has five torpedo tubes and one torpedo boat. The *Guanabara* is an unarmored wooden cruiser, built in Brazil in 1877. She has 1,180 tons displacement, is 41.2 by 200 feet, and draws 16.7. She has nine 6 in. muzzle loaders and four machine guns. Her h. p. is 3,000 and her speed 14 knots. The squadron comes to this country for the special purpose of delivering to the President a medal and letter of thanks from the Brazilian Government for the prompt recognition by him of the new republic. Every endeavor will be made by the Government to give the Brazilian squadron a reception that shall equal in cordiality that which was given Admiral Walker and his "white squadron" at Rio.

LOSS OF A BRITISH TORPEDO BOAT.

A cable despatch reports that the British torpedo cruiser *Serpent* has foundered off the coast of Spain at Cape Bucy. There were 276 persons aboard, of whom only three were saved. The bodies of three ladies have been washed ashore. Owing to the violence of the storm it was impossible to send assistance from the shore. Tremendous seas swept the decks of the doomed vessel, carrying away group after group of the unfortunate men on board.

This recalls the foundering and fate of the turret vessel *Captain*, built in emulation of our monitors, which turned wrong side up in 1870 in the Bay of Biscay, and went to the bottom with 500 men, including a picked corps of officers representing some of the leading officials of the Government, her Captain being the son of Lieut. General Burgoyne, son of the Burgoyne of Saratoga surrender fame. The *Serpent* was a swift light twin screw steel vessel of 1,770 tons and 4,500 horse power. She carried six guns, and was commenced during the administration of Lord Northbrook, and was launched in 1887. She was 36 by 22½ feet, and drew only 13.5 feet. Her speed was 16.5 knots. Her complement was 170 officers and men. The others on board were going out to relieve men now on ships on the African station. She started last Saturday on her maiden voyage. She and her consorts were cordially disliked by the service. She broke down more than once in the manoeuvres of 1888. Several admirals condemned the whole class as cranky. Lloyd's agent at Corunna telegraphs: "It appears that the *Serpent* was running for shelter in one of the bays north of Finisterre. It is not known whether she foundered or grounded on the fearful reefs that are a continuation of the Galician Mountains. If she foundered, nobody need be surprised but the Admiralty. If she grounded on the reefs, she could not stand a minute's battering in a heavy sea." The *Serpent* was built after the ideas of Admiral Cooper Key, who insisted upon an immense horse-power, which, according to previous notions, was out of all proportion to her displacement. Lord Brassey, in his Naval manual, adversely criticised the vessel. He said that economy of weight had been carried to excess in the construction of the ship, that her plating was too thin, and that her armament was overdone. In a seaway, he said, her heavy topweight would be a detriment to her speed, and would unduly strain the hull. Commander Ross is said to have been in the habit of treating his men with undue severity.

MASTER-IN-CHANCERY HORATIO L. WAITE, of Chicago, who was formerly a paymaster in the Navy, has been giving the people of Chicago some useful information upon the subject of our neglect of military and naval preparation for defence. He sums up as follows: "England to-day has 160 battle-ships. The United States has none. Other maritime nations have over 1,000 torpedo-boats. We have two. I have no hesitation in saying that in 1864 Sherman's army could have whipped any army in the world. To-day the conditions are changed. A new generation has sprung up. The Regular Army is small; the militia is very well in its way, but time would be necessary to make veterans. There's the whole affair. We are not a belligerent Nation, and it is well that we are not; but military and naval men will tell you that as a Nation we have neglected our best interests."

THE STATE TROOPS.

Correspondence on subjects appertaining to this department of the paper is always gladly received. The wishes of contributors as to the use of their names will be scrupulously regarded.

PROPOSED ATHLETIC TOURNAMENT AT CREEDMOOR, NEW YORK.

It is very probable that the suggested military tournament open to the National Guard under the auspices of the State authorities will be inaugurated on the grounds of the State rifle range at Creedmoor, Long Island, next year. Although no definite steps have yet been taken towards this, still the matter has not been lost sight of, and it is very likely some preliminary steps towards seeing exactly what is practicable will soon be taken. Several prominent officers interested in the matter are sanguine that the proposed scheme will prove a reality. Adjt.-Gen. Porter, Gen. G. W. Wingate and other influential officers will heartily support any popular movement towards inaugurating manly sports in the National Guard which will aid their physical development. It now remains to be ascertained what events could be chosen for the tournament that would be generally useful as well as popular. In this connection the majority of members of the National Guard who are not skilled athletes should be first considered and some events chosen that would bring out the large portion of unskilled men in competitions that they could participate in on some equality. There are quite a number of skilled athletes in the National Guard now, more especially in the 7th Regiment, which contains more athletes than all the other organizations combined. Many athletes in the 7th are members of the famous New York and Manhattan Athletic Clubs and some of these men in the 7th rank among the best in the world. The 12th, 13th and 22d and several other organizations have a number of prominent athletes, but nothing approaching the large number in the 7th. It would not do, therefore, to have ordinary athletic events that the well-known experts could easily capture from their more numerous but unskilled brethren. Some special competitions might be arranged for the experts.

It will require some very careful consideration to arrange a satisfactory programme, and it would be well for the military athletic clubs and the men of the different companies to discuss the matter and appoint a committee consisting of men of experience and judgment to take note of suggestions and opinions. Prominent men connected with military athletics and conversant with managing games, we believe, are shortly to be invited to meet and suggestions will be asked from them, and by discussing the project beforehand matters may be facilitated. In this connection it would also be well and really necessary to invite Mr. W. B. Curtis, N. Y. A. C.; Mr. C. C. Hughes, M. A. C., and James E. Sullivan, secretary, A. A. U., to the discussion. These gentlemen are among the most experienced athletic authorities in the world and have been identified with amateur sports for many years, and none more competent and fair can be found and their views and suggestions would be of the greatest practical value. There is no reason why competitions for officers should not be among the events on the programme. A revolver competition should be among the events for mounted and dismounted officers; it would be very interesting and would cause officers to familiarize themselves with this useful but neglected arm, and which is part of their equipment. Competitions bringing the sword into play could also be a feature. An interesting competition for men would be to have some 21 men or more picked from a company or regiment assemble in heavy marching order a half mile from the supposed enemy, come up to the firing line and deploy as skirmishers, etc., firing blank ammunition, going through certain prescribed movements, etc. Time, perfectness and number of men dropping out could be taken to decide contest. Heavy marching order contests by teams and for individuals might also be arranged satisfactorily. Climbing obstacles, etc., tugs-of-war—standing up, and wheelbarrow races are among the events suggested. The artillery could go through the loadings and fringes, dismount and mount the piece, go through sabre exercise, etc. There are numerous useful competitions that could be arranged. The State authorities being at the head of the tournament, would give it an importance and weight it could not otherwise have. Of course, they would appoint a corps of competent assistants from among the various clubs and organizations. The suggestion has been made that a National Guard Athletic Association be formed, but this in the end would not be found as advantageous for the National Guard generally as having the State authorities in sole control. Some competitions might also be open to the National Guard of other States. At any rate the project is well worthy of consideration.

SOME COMING EVENTS.

We have received notification of the following:
Nov. 15.—Review of the 231 N. Y. at armory.
Nov. 15.—Athletic games, 1st Regiment, Penn. N. G., at armory, Philadelphia.
Nov. 20.—Parade and concert, 12th N. Y., at armory.
Nov. 22.—Athletic games, 8th N. Y., at armory.
Nov. 25.—Annual reception 47th N. Y., at armory, Brooklyn, N. Y.
Nov. 25.—Athletic games, Co. D, 23d N. Y., at armory.
Dec. 10.—Joint reception Cos. C and D, 12th N. Y., at armory.
Dec. 16.—Athletic games, 13th N. Y., at armory.
Dec. 20.—Athletic games, Co. E, 9th Regt., N. Y. and Star Athletic Club, at armory.
Jan. 22.—Annual ball of the Old Guard, N. Y., at Metropolitan Opera House.

Ninth New York.—Col. W. Seward, Jr.

The annual inspection and muster of this regiment took place at its armory on the evening of Nov. 11. The formation was promptly on time and, considering the great lack of room, was very well done.

During the formation the drummers beat the shell of their drums instead of the head, a very happy innovation. It was afterwards explained, however, that the absence of the ear-splitting selections usual at formations was not due to any thoughtfulness or consideration on the part of the drummers but to the fact that the majority of the drum heads were split, and the corps is anxiously waiting a fresh supply, the requisition for which, it is said, was made to General Headquarters many moons ago. As far as indoor parades are concerned, no one but the drummers mourn the

lack of drum heads. A notable figure in the staff was the unsteadiness of the chaplain, especially while the regiment was standing at attention. The worthy chaplain would do well to look up that part of Union's which relates to the position of the soldier. At attention he should not stand with his legs apart, wriggle his body, move his arms or turn his head to all points of the compass, but just stand steady and look straight to the front.

At the completion of the formation the chaplain made a speech touching on the old sardine box of an armory with its smell of ammonia, and he felt sure their long patience would soon be rewarded. There were no formalities and Col. McGrath at once proceeded with the inspection and muster, which was concluded at 10:35 p. m. The general result of the inspection showed improvement. The figures, which are slightly behind those of last year, are as follows:

	Present	Absent	Total	Agg.
F. and S.	10	10	20	10
N. C. S.	11	11	22	11
Co. A.	3	55	58	22
Co. B.	3	45	48	20
Co. C.	3	50	53	21
Co. D.	3	39	42	15
Co. E.	2	41	43	7
Co. F.	3	47	50	2
Co. G.	1	56	57	2
Co. H.	2	37	39	14
Co. I.	2	61	63	19
Co. K.	2	35	37	15
Total.	94	477	571	114

In 1889 the number of present was 574; absent, 110; total membership, 684. Considerable dead wood has been dropped and the regiment is recruiting with a desirable class of men.

On Nov. 23 the regiment will parade for divine service at St. Bartholomew's Church, 44th street and Madison avenue.

Sixty-ninth New York.—Col. Jas. Cavanagh.

The inspection and muster of this command took place at its armory on Nov. 12 by Col. McGrath. The absent list was slightly increased over that of last year, while the total membership is 11 behind last year's figures. The fine big companies took up almost every inch of room, and if the regiment was to grow much larger, where to put the men would be a question. The regiment looked well, but one or two companies might have taken a little more pains with their accoutrements and brasses. Co. D, Capt. Cox, which was the banner company last year, has captured the honors again this year—only 2 absences out of 101 on the roll. Co. C, Capt. McCarthy, had the second best percentage of attendance. Co. H, Capt. Moran, and Co. F, Capt. Mortimer, had exceptionally large companies, while Co. I, Capt. Quinn, had taken special pains to make their brasses and accoutrements as presentable as possible. The figures of the inspection were as follows:

	Present	Absent	Total
Field and Staff.	9	1	10
Non-com. Staff.	9	1	10
Company A.	60	19	79
Company B.	64	3	67
Company C.	84	2	86
Company D.	60	37	97
Company E.	80	15	95
Company F.	71	17	88
Company G.	84	18	102
Company H.	65	11	76
Company I.	73	14	87
Total.	738	156	894

Last year there were: Present, 775; absent, 150; total membership, 925.

The regiment was late in forming and many stragglers joined their companies at different times. Several captains omitted to have their company rolls ready when wanted by the inspecting officer. When the colonel gave the command, rear open order, several companies in the left wing did not obey it until they got ready, completing roll call, etc. The colors went to the front for inspection with only a corporal on each side of them, the rear rank being omitted. There were numerous other little discrepancies, which showed that frugality is needed to make the delinquents toe the mark. There is too much "do as you please" allowed and fussing around after a formation, and the head of the regiment should see that these manifest shortcomings are corrected.

VARIOUS.

The printed report of Brig.-Gen. E. Wheeler, Inspector General New Hampshire National Guard, on the annual inspection of the Guard is at hand. Gen. Wheeler, among other things, says: "Results were in the main satisfactory. Many organizations gained little but commendation; a few called for generous criticism. Many showed progress in intelligence and work; several are upon questionable futures. The elements of success are clearly recognized by officers and men of numerous companies, others have little or no conception of them. A large majority unmistakably seek to meet the requirements of the present day's standards of efficiency; a few are content to exist in the atmosphere of the past. Many companies perform an amount of work, continuous, intelligent, and faithful, which is simply surprising; those showing poverty of results are either more interested in other than military matters, or lack the energy to perform known duties."

Lieut.-Col. Clark, commanding the 321 N. Y., has ordered drills of instruction for non-commissioned officers on Nov. 24, Dec. 8, and Dec. 22.

At the annual drill given by the Piedmont Exposition, held at Atlanta, Ga., the latter part of October, the competing companies in the infantry drill were the Perry Rifles, Brunswick Rifles, and Floyd Rifles, of Macon, and after a close contest the Perry Rifles, Capt. W. C. Davis, won first place and \$1,000, the Brunswick Rifles second place and \$500 and the Floyd Rifles third place and \$250. The Brunswick Rifles were superior in their marching and other parts of the school of the company, but the Perry Rifles won by good all round work. The Inter-State drill, which took place Oct. 24, with the sham battle, attracted fully 25,000 people to the grounds. The drill resulted as follows: Gate City Guard, 55; McCarthy Light Guard, 50.8; Atlanta Rifles, 79.75; Sewanee Rifles, 79.58; Fort Worth Fencibles, 77.30. The judges of the drill were: Lieut. J. B. McDonald, 10th U. S. Cav.; Lieut. E. P. Lawton, 13th U. S. Inf., and Capt. Lyman B. Hall, ex-captain of the Gate City Guards and present commander of the Grady Cadets of Atlanta. Quite a sensation occurred several days after the drill by the Adjutant General of Georgia ordering the officers of the Gate City Guard under arrest and a Court-martial convened to try them on charges preferred on information received from Lieut. McDonald, of the Board of Judges, to the effect that Lieut. Roberts and two privates of the Gate City Guard had visited Auburn, Ala., where the programme was being printed, and had offered the printer \$500 for an advance copy. The printer refused the infamous proposition, and the would-be bribers, it is said, next attempted to bribe Lieut. McDonald's servant, but without success. Three members of the company have acknowledged complicity in the affair.

Col. J. N. Partridge, 23d N. Y., in orders dated Nov. 12, announces to the command the death of Col. Chas. L. Fincke, a former commandant of this regiment, which occurred Nov. 10 at Asheville, N. C. Col. Fincke enlisted in this regiment during the year 1869, and was, says Col. Partridge, for many years active and influential in contributing to its welfare. Under his command the regiment prospered, and in his death we lose a bright example of soldierly qualities and a devoted friend. The funeral services were held at the 1st Presbyterian Church, Henry street, near Clark, Brooklyn, Friday, Nov. 14, at 2:30 p. m., members of the regiment being invited.

After the drill of the 21 Battery, Capt. David Wilson, on Tuesday evening, Nov. 11, Lt. W. A. Cable, on behalf of the battery, invited the friends of the command who had witnessed the drill to assemble in quarters where a fine collation had been prepared. Speeches were made by Capt. Thurston, 22d Regt.; Chaplain Maynard and Capt. Wilson. Among the many other guests were Col. John T. Camp, Adj. Smith, 22d Regt.; Capt. A. W. La Rose, 10th Battn.; Capt. E. M. Cole, and Capt. Alex. McKensie and Manly, British Army.

With reference to the proposed site in 14th street near 6th avenue, N. Y. City, for a new armory for the 9th Regiment, some of the property owners have refused to give warranty deeds, and others cannot give deeds of the property between the house and stoop lines. This would make the remaining area insufficient and as long as a new modern armory is to be built sufficient room should be provided for it. There is ground at 37th street and 7th avenue which is said would afford the space required and which, it is presumed, could be purchased for the amount authorized.

A board to examine into the physical and military capacity of Capt. Jas. Conlon, 60th N. Y., was ordered to meet at the armory of the 7th Regiment on Nov. 4. Detail for the board: Lieut.-Col. G. M. Smith, 7th Regt.; Major H. Chaucey, 8th Regt., and Surg. N. Henry, 12th Regt.

Gen. McLeer, 1st Brigade, N. Y., ordered an election for colonel in the 23d Regiment Nov. 14. Lieut.-Col. Henry C. Clark being the only candidate, there seemed no doubt but that his election would be unanimous.

Col. John N. Partridge, 23d N. Y., has ordered the various companies of his regiment to meet in the small drill room after their regular weekly drill and there receive instructions regarding the mechanism and care of the Remington rifle.

Col. Dowd, commanding the 12th N. G. S. N. Y., in his Orders No. 42, of Nov. 11, says: The regiment will assemble at the regimental armory for review and dress parade on Thursday, Nov. 23, 1890. Assembly at 8:15 p. m. At the review the members are ordered to, and accepted by, Maj.-Gen. G. O. Howard, U. S. Army, the colonel commanding desires that the utmost promptitude be exhibited by all concerned and that nothing be left undone to do honor to the distinguished officer and his staff. 2d Lieuts. J. M. Mayhew and J. A. Vanderpool are detailed officers of the guard on the evening of Nov. 20.

The statement in a New York paper last Sunday to the effect that the several artillery organizations of New York were booked for inspection at this time, is not true. As a matter of fact no orders have been issued for the inspection of the batteries nor is there likely to be any until next year. Just how an official inspection could be ordered or made without any authority or knowledge of the Adjutant-General's Office, our esteemed contemporary does not explain, although this is practically what the item in question inferred had been done.

The members of a well-known company of the N. G. S. N. Y., at a stag party held in the parlor of a prominent caterer in New York City this week, held some obsequies a little out of the ordinary. They rallied round a little two-foot coffin, which contained a neatly-made skeleton. Several bottles of pills were alongside, one of which was labelled "Court of Inquiry," and another was marked "Resign or be disbanded." Strange to say, there was an entire absence of mourning and expressions of sympathy. On the contrary, every one thought the skeleton in a good place, and were glad to be able to say that there could be "no resurrection."

The annual reception of the 47th N. Y. will occur on Wednesday evening, Nov. 28, Thanksgiving eve. The reception will be preceded by a guard mount and review by Brig.-Gen. McLeer.

The 2d Regiment, of Pennsylvania, will celebrate the 50th anniversary of its existence on Thursday evening, Dec. 11, by a grand reception and banquet at the armory, 5th and Race streets, Philadelphia. A committee of the commandants of the companies has been appointed and extensive preparations are being made for this event. It is expected that the newly elected Governor will be present on this occasion. The new band of forty pieces has also been engaged for the event.

The indoor games of Co. F, 23d N. Y., held at their armory in Brooklyn, on Nov. 8, were a great success. Over 300 entries had been received, and a large audience enjoyed the sports.

Ground has been broken at Poughkeepsie, N. Y., for the armory of the 15th and 10th Separate Companies. It was quite an important event. Major Haubennestel, with a brand new steel shovel of American make (donated for the purpose by a prominent hardware firm in Poughkeepsie), formally and officially turned the first shovelful of earth for the new armory. The ground was broken on the north-west corner. Col. Lindley, Capt. Van Keuren, Contractor O'Reilly, and Capt. Coxhead, in the order named, each turned a shovelful of earth. The ground turned by Major Haubennestel was placed in a box and, it is said, will be placed in the cornerstone. The shovel will also be preserved, appropriately inscribed, and placed in the new building as a memento.

Capt. W. J. Fife, Co. C, 1st Regiment, Washington Nat. Guard, has written a very able article on "Modern Navies," which was published in the Tacoma Times Nov. 1.

Co. F, 71st N. Y., will hold a reception at its armory on Dec. 3. The Highland Guard will be on hand, and give one of its usual drills. An election has been ordered in Co. C for 1st lieutenant. The candidates for the position are 2d Lieut. L. W. Francis and Private Chas. Heidman. The resignation of Lieut. L. G. Briggs, sent in some time ago, has been withdrawn from brigade headquarters at the request of Col. Koppert. A drill and reception by Co. D will take place at the armory on Thursday evening, Dec. 4. The reception of the field music of the regiment takes place at the Lyceum Opera House, 34th st., near Lexington ave., on Monday evening, Dec. 1.

The winners of the team of "two" match, at the weekly shoot of the 7th Regiment, N. Y., Rifle Club at the armory on Nov. 8, was as follows:

	Standing.	Prone.	Total.
Lieut. S. W. Merritt, Co. B.	32	33	65
Corpl. J. H. Clark, Co. B.	30	32	62
	62	65	127
Lieut. R. McLean, Co. K.	30	34	64
Pvt. H. V. L. Meyer, Co. K.	30	30	60
	60	64	124
Corpl. H. W. Janssen, Co. A.	30	33	63
Pvt. T. J. Conroy, Co. A.	29	31	60
	59	64	123
Sharpshooters:			
Corpl. H. W. Janssen, Co. A.	33	35	68
Pvt. H. Coburn, Jr., Co. C.	33	35	68
Pvt. S. Frothingham, Co. K.	33	34	67
Capt. D. A. Nesbitt, Co. B.	33	35	68
Sergt. P. L. Klock, Co. H.	31	34	65
Pvt. J. W. Halstead, Co. C.	30	35	65

ANSWERS TO CORRESPONDENTS.

H. L.—The Penitentiary of the State of Kentucky is at Frankfort, Ky.

W. J. C. asks: Has the last General Deficiency Appropriation bill yet become a law? Ans.—Yes.

Old Subscriber.—Your war service, under the recent ruling, can only be counted double up to May 1, 1865.

Naval Cadet asks: How many vacancies are there in the Navy at present for next year's class? Ans.—About ten.

S. E. H. asks: Can a man in his second enlistment, having served two years, purchase his discharge? Ans.—No.

Naval Aspirant.—J. M. Reeves is present representative of the 7th Ill. District at the Naval Academy. He will graduate in 1890.

Reader, Buffalo.—If the party you refer to is still a deserter at large, and has never had his case adjudicated, he is not entitled to a pension.

Nemo.—The period from Sept. 20, 1864, to May 1, 1865, will count double for you towards retirement. See answer to "War Veteran" in JOURNAL of Nov. 1, page 169.

Arizona asks: If a deserter from the English Army returns to the British Empire after having served five years in the U. S. Army and becoming an American citizen can he be arrested in England for desertion? Ans.—Yes.

J. W.—The good service rendered by you previously to being discharged for disability counts, of course. The War Department might when your ten years are in discharge you under par. 2 of General Orders No. 81, but we

OUT OF PAPER?

We also make a specialty of Wedding and Visiting cards, Stamping Cards, Monograms, Street addresses, Business addresses, Fine printing, &c., &c. Our prices are reasonable and our workmanship and material of the best quality. Samples upon application. Correspondence solicited.

KNABE

PIANOFORTES.
UNEQUALLED IN
Tone, Touch, Workmanship, and
Durability.
WILLIAM KNABE & CO.
BALTIMORE: NEW YORK:
12 & 24 E. Baltimore St. 148 5th Av. n'r 20th St.
WASHINGTON: 817 Market Space.

If so, and you desire good writing paper at reasonable prices ask your Stationer for BOSTON LINEN (for fashionable correspondence).

BUNKER HILL LINEN (for ordinary correspondence).

If he does not keep them, send us your name with 6 cts. (to pay postage, &c.) and we will forward you our complete set of samples representing in the various styles and sizes over

300 Varieties Which We Sell BY THE POUND.

Our papers have gained an unprecedented reputation in every State and Territory in the Union on account of their excellent quality and reasonable prices. Postage on paper is only 16 cts. per pound. Express and freight often cheaper still.

SAMUEL WARD CO. (Incorporated),
Paper Merchants, Stationers, Engravers
and Printers.

49 and 51 FRANKLIN ST., BOSTON, Mass.

ESTABLISHED 100 YEARS.
15 INTERNATIONAL AWARDS.
PEARS' SOAP
The Purest, Most Economical and best
of ALL SOAPS.
OF ALL DRUGGISTS, BUT BEWARE OF IMITATIONS.

Arnold, Constable & Co.

"CARTWRIGHT & WARNER'S" CELEBRATED
UNDERWEAR.
LADIES', MEN'S AND CHILDREN'S
Silk, Silk and Wool, All Wool Camel's Hair and Natural Wool
UNDERWEAR.
FALL HOSIERY.
Embroidered and Open Work Silk Hose,
Ladies' and Children's Real Balbriggan Hose.
Black, WARRANTED FAST COLORS AND STAINLESS.
LADIES' RIBBED SILK Union Suits.
BROADWAY AND 19TH ST., NEW YORK.

"Oh! that bothersome shave."

Why torture yourself?

TORREY

RAZORS will conquer the hardest beard, and make shaving A LUXURY.
STROPS are guaranteed to set a finer edge to a dull razor, or surgical instrument than any other Strop in the world. Each blade is carefully tested before it leaves the factory.

Every Razor sold under a GUARANTEE to Give Satisfaction. If not to be had of your dealer, send for Catalogue B—tells how to sharpen a Razor.
J. R. TORREY RAZOR CO., WORCESTER, MASS.

cannot assume to forecast the action. As a matter of fact, we don't believe the W. D. is granting many discharges under the paragraph in question.

J. K.—Your request is vague. Explain more fully what papers you wish.

E. O.—The latest regulation permits the wearing by officers and enlisted men of black or dark-blue overcoats when necessary in the field, on fatigue and other duty, involving exposure to rain or other inclement weather.

H. S.—There is a liberal construction as to a soldier's "home" on retirement. The last place of enlistment was in former times considered "home" where there was no positive place known or given, but more liberal ideas now prevail.

G. A. S.—The present representative in Congress from the 3d Mass. District is the Hon. John F. Andrew. The cadet at West Point appointed by him will graduate in 1893. Will mail you a copy of Board of Visitors report for 1890 as soon as printed.

A. B.—There is no general list kept at the A. G. Office of applicants for position of general service clerk. Each Division and Department Headquarters has its own list. If you will let us know the particular headquarters you may have applied to we will endeavor to inform you further.

J. H. O. asks: Can an enlisted man on the retired list live outside the United States, say in Canada or the West Indies, and if so, how is he to get paid? Ans.—He can live outside the U. S., and when his pay becomes due can send on his pay accounts (sworn to, if practicable, before the U. S. Consul) to the Paymaster-General of the Army.

C. asks: At what time of day should the inspection contemplated in par. 950, A. R., amended in G. O. 50, A. G. O., 1890, take place, morning or afternoon? Ans.—Morning, of course. We scarcely understand the drift of the question, as the regulation is so plain. If, at the post you are at, the inspection in question does not take place in the morning then the regulation is violated.

Tactics, Angel Island, Cal., writes: In "secure arms" upon says, "Thumb on rammer." Official Memorandum of Decisions of Points of Tactics, second edition, 1890, page 79, says "Thumb on strap." The sling being used, what is the position of the forefinger in "Order arms?" Ans.—The forefinger would be extended along the stock and would touch both barrel and sling.

Old Subscriber.—A deserter, who remains in desertion, will, as you well say, always be in suspense and live a life of dread. He had better surrender and take his chances. If there are any mitigating circumstances he will be given the benefit of them by the Court. But in any event it is better to take the punishment and get rid of the mental burden a deserter always carries with him.

Captain, O. N. G., Portsmouth, O., asks: 1. Would an officer of the National Guard, visiting in another State, do right to wear his uniform if there invited to attend a military parade or other entertainment? 2. Should he, under such circumstances, wear uniform, if visiting in a foreign country? Ans.—It is altogether a matter of personal taste. The officer is certainly entitled to wear his uniform on any military occasion unless restricted by the laws of his State.

S. T.—The Act of Congress providing for the Summary Court (approved Oct. 1, 1890,) distinctly prescribes that "when the Court is the accused the case shall be heard and determined by the post commander, or by regimental or garrison court-martial."

G. M., Co. H, 21st Inf., Fort Douglas, writes: At the command, rally by fours, in double rank, do the rear rank men cover their front rank men, the same as rally by company? A good many drill instructors are of the opinion that the movement is executed in double rank. I, myself, think it is wrong. Ans.—The rally is made on No. 4 of the front rank, as per par. 325, Tactics, and official decision. The rear rank would complete the circle in the opposite direction.

A. Q. I.—Being tried by a General Court-martial for a minor offence does not necessarily make your whole service unfaithful, and so far as we can judge from your statements you could obtain your discharge under G. O. 80, A. G. O., 1890. A soldier on three months' furlough under G. O. 80 is entitled to the commutation of rations provided furloughed soldiers. See G. O. 127, A. G. O., 1890, published in JOURNAL of Nov. 1, 1890 (page 132), setting forth the causes for which retained pay is forfeited.

Reader.—1. There are at present 25 P. A. surgeons in the Navy with the rank of lieutenant, 20 with the rank of lieutenant, junior grade, and 30 assistant surgeons with the rank of ensign, leaving eight vacancies in the latter grade.

If an ensign fails to pass his examination for promotion to the grade of lieutenant (junior grade) he remains at the head of the grade of ensign until given another examination. The officer next below him is promoted over his head.

Military Order of the Loyal Legion.

Major-Gen. Nelson A. Miles, U. S. A., Junior Vice-Commander-in-Chief of the Order, received the members of the Minnesota Commandery in the parlor of the Hotel Ryan, St. Paul, on Friday evening, Nov. 7. There was a large attendance. The General, in responding to the address of welcome, said: "I am overwhelmed by this unexpected greeting. To be received by so distinguished a commandery as this I consider a great honor. It has been my good fortune to belong to the Loyal Legion for many years. I am now a member of the California Commandery, and I bear to you the greetings of that body. And there on the shores of the Pacific we hear the same patriotic speeches and listen to the same loyal songs that are sung and spoken here. I rejoice to meet here the representatives of those magnificent regiments which marched from Minnesota to battle for their country. I am also glad to meet here your war governor, hearty, though aged. But we must remember that not to the soldiers alone must we give glory. It was the public opinion that saved the country." The speaker then referred to the deeds of Lincoln and Eads and Ericsson and other civilians, and said to them all honor was due for the work they did. "The true patriot," he continued, "is he who is loyal in the civil walks of life, as well as in the battles of his country."

At the recent annual meeting of the Commandery-in-Chief, held at St. Louis, Oct. 15, a charter for the Commandery of the State of Washington, to be located at Tacoma, was issued. Official communications should be addressed to Lieut. Wm. B. Blackwell, Tacoma, Wash.

The meeting of the Pennsylvania Commandery at the

Duquesne Club, Pittsburg, on Wednesday of this week, was a notable affair. Among a large number of candidates balloted for were Chief Engineer S. L. P. Ayers, U. S. N.; Commander C. J. Barclay, U. S. N.; P. A. Ever, D. M. Fulmer, U. S. N., and Col. C. G. McCawley, U. S. Marine Corps.

FOREIGN ITEMS.

The Wellington Barracks, London, occupied by the Guards, were destroyed by fire on Wednesday. Marshals MacMahon and Canrobert are writing their memoirs.

The Government of India has allowed a lac of rupees for camps of exercise and divisional movements this year.

In Alsace, not far from Worth, there is now a monument to the young Englishman who was the first victim in the Franco German war, Lieut. Winslow, attached to the German Army. He was shot while reconnoitring with the staff by one of the first bullets fired on the French side.

Capt. Driant, Gen. Boulanger's son-in-law, who is in garrison at Tunis, has, says a Paris telegram, been ordered to join the detachment of his regiment at Bizert. The reason of this disciplinary measure is that the captain announced the publication of a new book without having first asked the permission of the Minister of War to do so.

A recent visitor to the States from Japan says: "The total force of all kinds under arms amounts to nearly 200,000 men, though not all are ready for active service. Officers have been obtained from Germany and France to advise and drill and mould our Army, and the continental system of universal conscription is being set up. European uniforms also have replaced the ancient military costumes."

A Russian reporter of the late Russian manoeuvres at Roffno quotes as particularly "smart" the performance of a young officer of dragoons, who, when surrounded by hostile Cossacks and in danger of being taken prisoner, calls out to them: "Comrades, let me pass on. By God, I will shoot myself! It would be a dishonor to be taken prisoner." "But, your honor," reply the Cossacks, "how could any one commit such a sin?" "I give you my word of honor I will do it," says he. Whereupon the Cossacks let him go, saying, "Your honor, we cannot have such a sin upon our consciences."

The Congregational Club, of Boston, has taken steps to secure by subscription the money required to build a monument at Delftshaven to commemorate the hospitality shown to the Pilgrim Fathers by the free republic of Holland previous to their landing at Plymouth Rock.

Finney Bros.
SPECIAL FAVOURS.
The Best High-Class CIGARETTE.
WARRANTED STRICTLY PURE.

BOOKS ON BOILERS.
THURSTON'S MANUAL OF STEAM BOILERS, profusely illustrated. 8vo, cloth, \$6.00
THURSTON'S HANDBOOK OF ENGINE AND BOILER TRIALS, with illustrations. 8vo, cloth, \$5.00
Mailed and prepaid on receipt of price.
JNO. WILEY & SONS,
63 East 10th St., New York

EVERLASTING MANGANITES.
The solitary pens make on an antique principle to retain complete elasticity by utilizing the flat wire of metal. Extreme durable composition, hand made, nickel finish to last. Only one pen in the world with fine point. So delightful to write. Also the STUB. References furnished.
Sample dozen, 15c; Gross Box, \$1.50.
Victor Jacques & Co. Pittsburgh, Pa.

HOLLOWAY READING STAND.
Dictionary Holder, Bookrest, Lamp Stand and Card Table combined. Holds book open for sitting or lying down reading. Send for Illustrated Catalogue.
THE HOLLOWAY CO., Cuyahoga Falls, O.

AN EXTRAORDINARY RAZOR
HAS BEEN INVENTED by the QUEEN'S TOWN COMPANY of England. The edge and body is so THIN and FLEXIBLE AS NEVER TO REQUIRE GRINDING and hardly ever setting. It glides over the face like velvet, making shaving a luxury. It is CREATING A GREAT EXCITEMENT in EUROPE among experts, who pronounce it PERFECT. \$2.00 in bulk handle; \$3.00 in ivory. Every razor, to be genuine, must bear on the reverse side the name of NATHAN JOSEPH, 44 Clay Street, San Francisco, the only place in the United States where they are obtained. Trade supplied. Sent by mail, 10c. extra or C.O.D.

Key-Winding WATCHES made Stem-Winders.
Gentlemen's American Watches made Stem-Winders by applying Abbott's Stem Winding Attachment. Endorsed and used by all American Watch Mfrs. 4000 in use. Your jeweller can do it.
HENRY ABBOTT, Mfr., 4 Maiden Lane, N. Y.

HOW do you intend amusing yourself during the long winter evenings that are approaching? Shakespeare says, "The play's the thing," so send 25cts for a copy of "How to Manage Amateur Theatricals," showing the easiest way of arranging drawing-room performances or send us your name and address, and we will forward by return mail our full descriptive catalogue of over 200 Plays, Speaker's Dialogues, Readings, Recitations, Chansons, Tableaux, Pantomimes, Books of Games, Sports and Amusements. Address, mentioning this paper, THE DE WITT PUB. CO., 33 Rose Street, New York.

THE DAVIDSON STEAM PUMP & PUMPING ENGINES.
Warranted the **BEST** for all Situations.
MARINE PUMPS A SPECIALTY.
Manufactured by **M. T. DAVIDSON**
43-53 Keap St., Brooklyn, N. Y.
77 Liberty St., N. Y.

BEECHAM'S PILLS
(THE GREAT ENGLISH REMEDY.)
Cure BILIOUS and Nervous ILLS.
25cts. a Box.
OF ALL DRUGGISTS.

Photo Trading Post.
Headquarters of the Chautauqua School of Photography. Publishers of *Photographic Times* and *Annual*. Manufacturers of all sorts of Photo material specially the Waterbury, the Irving View, and Advell cameras.
Send for catalogue.
The Scovill & Adams Co.,
423 Broome St., N. Y.

7% City Mortgages Only 8%
FOR PARTICULARS ADDRESS
Tacoma Investment Co.
TACOMA, WASH.

The Cortland Office, Parlor and LIBRARY DESKS are ingeniously contrived, substantially made from the very best of materials, elegantly finished, plain, antique and XVth century styles and economical as to room occupied.
You would be delighted with one, for then the irksome DUTY of correspondence would be a PLEASURE.
Send for our illustrated catalogue and price list.

THE CORTLAND DESK CO., Limited,
CORTLAND, N. Y., U. S. A.
STONINGTON LINE.
All Fares Reduced.
THE INSIDE ROUTE FOR
BOSTON, \$3; PROVIDENCE, \$2.25; WORCESTER, \$2.25; and all New England points. Steamers leave now Pier 36 N. E., one block above Canal St., at 4.30 P. M., Sundays excepted.

Bonbons, Chocolates.
NOVELTIES IN FANCY BASKETS AND BONBONNIERS FOR PRESENTS.
863 BROADWAY, bet. 17th & 18th Sts., 150 BROADWAY, cor. Liberty St., N. York.
Orders by mail receive prompt attention

THE NEW WEBSTER
In Attractive Bindings.
Best Holiday Gift
Just Published.
WEBSTER'S INTERNATIONAL DICTIONARY
Entirely New.

The Authentic "Unabridged," comprising issues of 1864, '79 and '84, (still copyrighted) is now Revised and Enlarged, and bears the name of Webster's International Dictionary. Revision has been in progress for over 10 Years. More than 100 editorial laborers employed. \$300,000 expended before first copy was printed. Critical examination invited. Get the Best. Sold by all Booksellers. Illustrated pamphlet free. G. & C. MERRIAM & CO., Pub'rs, Springfield, Mass.

JOSEPH GILLOTT'S STEEL PENS
GOLD MEDAL PARIS EXPOSITION 1875.
Nos. 303-404-170-604.
THE MOST PERFECT OF PENS.

GOLD MEDAL PARIS 1889.
THE BELGIAN LAMP
THE LEADING LAMP OF THE WORLD.
Endorsed by U. S. Light-House Department.
This is the perfection of kerosene lamps. It gives a perfectly white and steady light, far more powerful than that of any other made.
Over 600,000 Lamps Sold Yearly.
MANUFACTURED BY THE AMERICAN BELGIAN LAMP CO.
31 Barclay St., New York.
SEND FOR ILLUSTRATED CIRCULAR.

EVERY OWNER OF HARNESS SHOULD USE
FRANK MILLER'S HARNESS DRESSING
FOR HARNESS BUGGY TOPS, SADDLES, FLY NETS, TRAVELLING BAGS, MILITARY EQUIPMENTS, ETC.
Gives a beautiful finish, which will not peel or crack off, smut or creak by handling, does not lose its lustre by age; dust will not stick to work finished with it. Is NOT A VARNISH. Contains no Turpentine, Benzine, Naphtha, Alcohol or other injurious articles.
SOLD BY ALL HARNESS MAKERS.

EXCURSION TICKETS TO HOT SPRINGS, ARK.

The Baltimore and Ohio Railroad Company has placed on sale at all of its principal stations round trip tickets to Hot Springs, Ark., at greatly reduced rates. The going limit on these tickets is thirty days and the returning limit three months, thus affording an opportunity to spend the winter in the genial climate of the Southwest. The route is via Cincinnati and St. Louis, with only one change of cars, and that is made in Union Depot at St. Louis. Pullman Sleepers all the way.

PATENTS FOR MILITARY INVENTIONS.

A SELECTED list of patents reported especially for the U. S. ARMY AND NAVY JOURNAL by C. A. SNOW and Co., Patent Attorneys, opposite Patent Office, Washington, D.C., all bearing date of Nov. 11:

R. M. Beck, Chambersburg, Pa., marine engine.
G. W. Morris, Richmond, Va., train or boat reflecting device.
H. Thibault, San Francisco, Cal., sickle grinder.
Pederson, Chicago, Ill., spring gun.
D. F. Vaughan, Haddonfield, N. Y., spring air gun.
J. W. Bruton, Guthrie, Mo., target gun.

THE Everlasting Nickel Finish French Manganite Pens are the result of many years' experiments in producing a combination of metals peculiarly adapted to the manufacture of an absolutely non-corrosive pen, gliding smoothly over the paper and flowing steadily without blotting. Those who have used them say they are durable, pleasing, efficient, economical.—VICTOR JACQUES & CO., Pittsburgh, Pa.—See advt.



Cuticura Soap
FOR A BAD COMPLEXION,
RED ROUGH HANDS
AND BABY HUMORS.

BAD COMPLEXIONS, WITH PIMPLY, blotchy, oily skin, Red, Rough Hands, with chaps, painful finger ends and shapeless nails, and simple Baby Humors prevented and cured by CUTICURA SOAP. A marvellous beautifier of world-wide celebrity, it is incomparable as a Skin Purifying Soap, unequalled for the Toilet and without a rival for the Nursery.

Absolutely pure, delicately medicated, exquisitely perfumed, CUTICURA SOAP produces the whitest, clearest skin, and softest hands and prevents inflammation and clogging of the pores, the cause of pimples, blackheads, and most comical disfigurements, while it admits of no comparison with other skin soaps, and rivals in delicacy the most noted of toilet and nursery soaps. Sale greater than the combined sales of all other skin soaps. Price, 25c.

Send for "How to Cure Skin Diseases," Address POTTER DRUG and CHEMICAL CORPORATION, Proprietors, Boston, Mass.

Aching sides and back, weak kidneys, & rheumatism relieved in one minute by the CUTICURA ANTI PAIN PLASTER. 25c.



In cases of 12 bottles at \$2.50. Every bottle bears a steel engraved portrait of our Senior and our autograph signature to protect the Trade against fraud.
E. J. TAYLOR, JR. & SONS, Frankfort, Ky.



PHOTOGRAPHY
In its Perfection!
(INSTANTANEOUS.)
NEW STUDIO.
NO STAIRS TO CLIMB.

PACHBROS
BROADWAY,
935 NEW YORK

COMPOUND OXYGEN TREATMENT.

The Rational Cure for Chronic Diseases.
Office, 345 Main St., Springfield, Mass.
Send for Pamphlet.



It is with great pleasure that we are able to present to our patrons **COMPOUND OXYGEN** in such shape that those at a distance can receive exactly the same treatment as if they were able to visit our office daily. U. S. COMPOUND OXYGEN CO., Springfield, Mass.

ARMOUR'S EXTRACT OF BEEF.

The best and most economical "stock" for Soups, Sauces, Beef Tea, Etc.

ARMOUR & CO., Chicago, Sole Mfrs.

Fine French China and Best PORCELAIN AT LOWEST PRICES.

Fine White Porcelain Dinner Sets, 100 pieces, \$12.00
Fine white French China Dinner Sets, 100 p's, 22.00
Gold-bnd China Tea Sets 44 p's, \$8; white, 7.50
Richly Decorated China Tea Sets 56 p's \$8 to 15.00
Decorated Chamber Sets, 10 p's, \$2.75; 12 p's, 5.00
Decorat'd Dinner Sets, 12.50
Decorated Parlor and Brass Hanging Lamps, etc., LOW PRICES.

ALSO ALL HOUSE-FURNISHING GOODS.

Catalogue & Price-List mailed free on application

VERRINDER & CO.,

Successors to HADLEY'S,

1-17 COOPER INSTITUTE, NEW YORK CITY.

F. J. HEIBERGER,

ARMY & NAVY MERCHANT TAILOR,

15TH ST., opposite U. S. Treasury,

WASHINGTON, D. C.

GOLD MEDAL, PARIS, 1875.

W. BAKER & CO.'S

Breakfast Cocoa

Is absolutely pure and it is soluble.

No Chemicals

are used in its preparation. It has more than three times the strength of Cocoa mixed with Starch, Arrowroot or Sugar, and is therefore far more economical, costing less than one cent a cup. It is delicious, nourishing, strengthening, EASILY DIGESTED, and admirably adapted for invalids as well as for persons in health.

Sold by Grocers everywhere.

W. BAKER & CO., Dorchester, Mass.

We can furnish all kinds of

Military Leggings

at all prices.

The U. S. ARMY AND

NAVY and the MILITIA of

several States use our patent

Lace Fastener Leggings,

WM. H. WILEY & SON,

HARTFORD, CONN.

PENSION JOHN W. MORRIS,
Washington, D. C.
Successfully Prosecutes Claims.
Late Principal Examiner U. S. Pension Bureau.
3 yrs in last war, 15 adjudicating claims, 45 since.

FINE CHINA.

Beautifully Illustrated Catalogue of Fine China, Art Pottery, Rich Cut Glass, Wedding Gifts, &c., mailed free, upon application to
HIGGINS & SEITER, 60 & 52 West 32d St. N. Y.

CATARRH.

CATARRHAL DEAFNESS—HAY FEVER.

A NEW HOME TREATMENT.

SUFFERERS are not generally aware that these diseases are contagious, or that they are due to the presence of living parasites in the lining membrane of the nose and eustachian tubes. Microscopic research, however, has proved this to be a fact, and the result of this discovery is that a simple remedy has been formulated whereby catarrh, catarrhal deafness and hay fever are permanently cured in from one to three simple applications made at home by the patient once in two weeks.

N. B.—This treatment is not a snuff or an ointment; both have been discarded by reputable physicians as injurious. A pamphlet explaining this new treatment is sent free on receipt of stamp to pay postage, by A. H. DIXON and Son, 337 and 339 West King Street, Toronto, Canada.—*Christian Advocate*.

Sufferers from Catarrhal troubles should carefully read the above.

R. W. TANSILL CO., Chicago, invite all CANTEENS to address them concerning their \$25,000.00 cash distribution to Smokers, as it is something of interest to Soldiers

FOR A DISORDERED LIVER try BEECHAM'S PILLS.

PEAR'S Soap is the most elegant toilet adjunct.

THE four H's—health, happy homes and hospitality—fostered by **ANGOSTURA BITTERS**. Sole manufacturers, Dr. J. G. B. Siegert and Sons. At all druggists.

BIRTHS.

EWING.—At Easton, Md., October 30, 1890, to the wife of Captain C. B. Ewing, Asst. Surgeon U. S. A., a daughter.
MCDONALD.—At Auburn, Ala., Nov. 8, 1890, to the wife of Lieut. J. B. McDonald, 10th U. S. Cavalry, a son.

MARRIED.

LITTEBRANT—GREEN.—At St. Louis, Mo., Nov. 5, Lieut. W. T. LITTEBRANT, 10th U. S. Cavalry, to Miss LAURA GREEN.

DIED.

ARRANTS.—At Philadelphia, Pa., Nov. 9, Lieutenant WM. B. ARRANTS, U. S. Navy.

BELL.—At New Brunswick, N. J., Nov. 11, Mrs. BELL, widow of Rear-Admiral Charles H. Bell, U. S. Navy, aged ninety.

CARDEN.—At Red Bluff, Cal., the Reverend P. L. CARDEN, father of Lieutenant G. L. Carden, U. S. R. M.

CLIFFORD.—At Cromwell, Conn., November 12, Captain JOS. PH. CLARK CLIFFORD, Ordnance Department, U. S. A.

DE LANT.—At Los Angeles, Cal., Nov. 4, Captain HAYDEN DE LANT, 9th U. S. Infantry.

DE KRAFFT.—At Washington, D. C., Nov. 10, J. W. DE KRAFFT, brother of the late Rear-Admiral J. C. P. De Krafft, U. S. Navy.

MCKIBBIN.—At Washington, D. C., November 8, Brevet Brigadier General DAVID B. MCKIBBIN, Major, U. S. Army, retired.

STEEDMAN.—At Washington, D. C., Nov. 12, Rear Admiral CHARLES STEEDMAN, U. S. Navy, retired.

THE MUTUAL LIFE INS. CO. OF NEW YORK.

RICHARD A. McCURDY, Pres.

ROBT. A. GRANNISS, Vice-Pres.

Assets, over - - \$140,000,000.

This great Company has recently established a **MARITIME DEPARTMENT** primarily designed for promoting its system of **LIFE INSURANCE** among Captains, Engineers and Officers of the Commercial Marine, U. S. Army and Navy and the Revenue Marine. The Special Bureau of the Company, instituted in 1887 for the particular claims of the United Service and which has attained a distinct and permanent success, will be henceforth included in this new Department. Attention is particularly called to the fact that the extra premium charges heretofore made to ARMY, NAVY and REVENUE MARINE Officers will be dispensed with, the rates in the future being on the same basis as for persons in civil life and ordinary business.

CAPTAIN H. R. FREEMAN, formerly in the Cromwell Line Steamer Hudson, is in charge of the new Department, and will be pleased to extend the courtesies of the office to officers of the United Service.

MUTUAL LIFE BUILDING, No. 59 Cedar Street, New York.

THE CELEBRATED

BOOSEY BAND INSTRUMENTS.

WM. A. POND & CO., 25 Union Sq., N.Y., U. S. Agents. Send for full Catalogues & Price-list.

JOHN PATTERSON & CO., TAILORS AND IMPORTERS

No. 25 and 27 West 26th Street.

NEW YORK.

Successor to HOWARD ACKERMAN.

UNIFORMS.



F. J. KALDENBERG CO.,

MANUFACTURERS OF

Meerschaum and French Briar Pipes

and all kinds of SMOKERS' ARTICLES, WALKING STICKS, etc. Special attention given to ordered work, and repairing. Send for our Illustrated Price List.

P. S. All Genuine French Briars of our make are stamped F. J. K. in a Sunbeam.

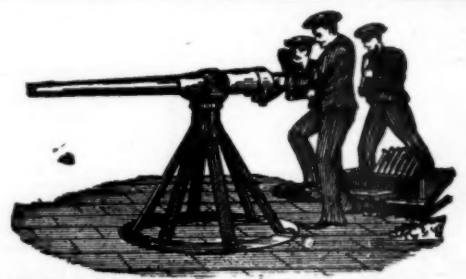
211-229 EAST 33d STREET, NEW YORK

JOHN G. HAAS, Lancaster, Pa.

UNIFORMS AND FINE MERCHANT TAILORING. WELL KNOWN

TO ARMY OFFICERS FOR THE PAST FOURTEEN YEARS.

PERFECTION IS OUR AIM.



THE DRIGGS ORDNANCE CO.

700 14th ST., WASHINGTON.

The Driggs-Schroeder Ordnance Co. Limited

24 AUSTIN FRIARS, LONDON.

Rapid Fire Guns of all calibres. Recoil and non-recoil mounts. Light Gun* for Yachts.

AMMUNITION OF THE HIGHEST GRADE.

D. L. DOWD'S HEALTH EXERCISER.

For Brain-Workers & Sedentary People: Gentlemen, Ladies, Youths; Athletes or Invalids. A complete gymnasium. Takes up but 6 in square floor room; new, scientific, durable, comprehensive, cheap. Indorsed by 30,000 physicians, lawyers, clergymen, editors & others now using it. Send for illustrated circular, 40 engravings, no charge. Prof. D. L. Dowd, Scientific, Physical & Vocal Culture, 9 East 14th St., New York.

(TRADE MARK.)

\$10 CASH An investment of \$10 and \$5 per month to the purchaser within two years. One of the urban properties in Tacoma, the line of street railway crossing flourishing cities. Price of corner lots, \$100. Write for maps and particulars. Liberal concession made to parties buying in lots for cash. Reference, Washington National Bank, 1219 F. St., N. Y.

VAN HOUTEN'S COCOA

PURE,
SOLUBLE,
Delicious

THE STANDARD COCOA OF THE WORLD,
A SUBSTITUTE FOR TEA & COFFEE.
Easily Digested—Made Instantly.

HIGHEST AWARDS AT
PRINCIPAL EXHIBITIONS.
The Original—Take no other.

"Best & Goes Farthest—Largest Sale in the World—Once Tried, Always Used."

ALUMINUM BRASS & MANGANESE BRONZE, For Propeller Wheels.

The Cowles Electric Smelting and Aluminum Company
Cleveland, Ohio.

We guarantee our Aluminum Alloys and Manganese Bronze to be the strongest, most non-corrodible, best and cheapest material for propellers extant. All material subjected to the severest chemical and physical tests and brought up to Government standard before it leaves our works.

Marine Castings a Specialty.

LIDGERWOOD MFG. CO.

MANUFACTURERS OF
HOISTING ENGINES



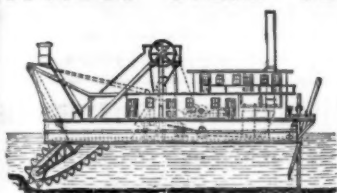
FOR
Contractors, Pile Driving, Bridge
and Dock Building, Excavating, &c.
300 STYLES AND SIZES.
OVER 6,500 IN USE.
96 Liberty St., New York.
34-35 WEST MONROE ST.,
CHICAGO, ILL.
197 TO 203 CONGRESS ST., BOSTON.
1 TO 7 N. FIRST ST., PORTLAND, OREGON.



BUCYRUS STEAM SHOVEL & DREDGE CO.,

BUCYRUS, OHIO
MAKERS OF

Steam Dredges,
FOR
Engineers, Contract Work,
Harbor and River Uses,
Canals, Slips, &c., &c.



STEAM DITCHING MACHINES

"I advise all parents to have their boys and girls taught shorthand writing and type-writing. A stenographer who can type-write his notes would be safer from poverty than a great Greek scholar."—CHARLES READE, on "The Coming Man."

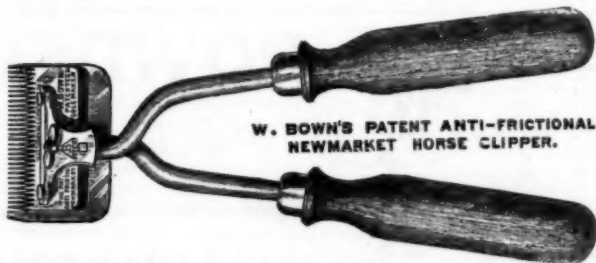
REMINGTON STANDARD TYPEWRITER.



For Fifteen Years the Standard, and to-day the most perfect development of the writing machine, embodying the latest and highest achievements of inventive and mechanical skill. We add to the Remington every improvement that study and capital can secure.

Wyckoff, Seamans & Benedict,
New York.

WM. BOWN'S New Anti-Frictional



W. BOWN'S PATENT ANTI-FRICTIONAL
NEWMARKET HORSE CLIPPER.

A very fine, high grade machine, differing from the Celebrated Newmarket Clipper only in the Anti-Frictional bearing. The materials of which it is made are of the best. One trial will convince you of its superiority over any Horse Clipper yet introduced. Price—with Leather Bag to fit over Plates when not in use, \$4.50.

For sale by Saddlery, Harness and General Hardware Stores throughout the United States, or
P. HAYDEN, Manufacturers' Agent for the United States,
50 to 52 Mechanic St., Newark, N. J.

Cataract Washing Machine Co.
74 Cortlandt Street, New York.
First-class machines adopted by the Medical
Department of the U. S. Army.

INSTRUCTION.

OHIO MILITARY ACADEMY.—FOUR
courses of study: Infantry, Cavalry and
Artillery drills. Beautiful and healthful lo-
cation. Newly refitted. Illustrated Catalogue
on application. Portsmouth, O.

THE REED SCHOOL.—MISS JULIA
G. McALLISTER, Principal, succeeding
Mrs. Sylvanus Reed, who continues as visitor.
27th year begins Wednesday, October 1st.
6 and 8 East 53rd Street, New York City.

The Michigan Military Academy
Location 20 miles from Detroit; pleasant and
healthful. Complete military discipline and
thorough school work. Address Lt. F. T. VAN
LIEW, 2d Inf., Adj., Orchard Lake, Mich.

ST. MATTHEW'S HALL,
SAN MATEO, CALIFORNIA,
SCHOOL FOR BOYS. Military discipline.
Twenty-fourth year.
Rev. ALFRED LEE BREWER, M.A. Rector.

E. & H. TANTHONY & Co.
591
B.WAY
N.Y.
**PHOTOGRAPHIC
OUTFITS**
CATALOGUE FREE.

FORBES' CELEBRATED LIFE STUDIES OF THE GREAT ARTIST



L. M. LONGSHAW,
(Late 30th and 4th U. S. I.)
ATTORNEY & COUNSELLOR-AT-LAW.
Will practice before the Courts, Courts-
martial and Departments.
Special attention to Patents, Land, Pensions
and Government Claims.
Send for blanks and instructions.
FLEMING BUILDING, WASHINGTON, D. C.
Mention this paper.

THE only tactics for sale at any price con-
taining Late War Department Decisions, viz.:
Reed's Military Science and Tactics, 6th edi-
tion. Illustrated. 664 pages. Leather. A stand-
ard volume. \$3.00
Army. \$1.50
Brigade. \$1.50
Infantry. \$1.50
Signal. \$1.50
Powers' Display Movements, 500; 1st Sgt. Roll
Book \$1.00. HUGH T. REED, Publisher,
78 State St., Chicago, Ill.

Practical Information for Non- Commissioned Officers on Field Duty.

A Concise and Useful Compilation for In-
struction of Enlisted Men.
By Col. GUY V. HENRY, Ft. McKinney, Wy.
Price 35 cents, or 3 copies for \$1.00.

Patent Binder
FOR FILING THE
ARMY AND NAVY JOURNAL
By mail, postpaid.....\$1.25
Delivered at office.....\$1.00

THE PLEASANT VALLEY WINE COMPANY.

RHEIMS,

STEUBEN CO.,
NEW YORK.

THIS is the finest
Champagne pro-
duced in America,
and compares
favorably with
European
vintages.



A
Natural
Gen-
uine
Cham-
pagne,
fermented
in the bot-
tle, 2 years
being required
to perfect
the wine.

Our Sweet and
Dry Cordon
and Port are,
like all our
wines, made from
selected grapes,
& are Pure Wines.

FOR PRICES,
Address as above.

ALLAN RUTHERFORD.

Late Third Auditor U. S. Treasury, late Capt.
U. S. Army, and Colonel of Volunteers,
ATTORNEY AND COUNSELOR AT LAW,
Atlantic Building, 223 F Street, Room 122,
Washington, D. C.

Having been Third Auditor U. S. Treasury
for six years, I am thoroughly familiar with
the course of business before the Executive
Departments at Washington. Special atten-
tion given to the settlement of Officers' Ac-
counts, Claims for Pension and Bounty, Claims
of Contractors, and generally all business be-
fore any of the Departments, Congress or the
Court of Claims. Refers to Gen. W. S. Rose-
crans, Register U. S. Treasury, Washington,
D. C.; Hon. W. P. Canaday, Sergeant at Arms,
U. S. Senate, Washington, D. C. Gen. O. O.
Howard, U. S. Army.

\$25,000.00 IN CASH TO SMOKERS OF
**TANSILL'S
PUNCH 5¢**

Address R. W. TANSILL CO., CHICAGO.

HOTELS.

Hotel Glenham.—135 Fifth Avenue
New York. European Plan. Desirable sin-
gle rooms, \$1 per day. N. B. BARRY, Prop.

Albemarle Hotel. Broadway and 24th
St. New York. European plan.
JANVRIN & WALTER, Props.

Grand Hotel.—Broadway & 31st St., N.Y.
Special rates to Army and Navy Officers.
European plan. Henry Milford Smith & Son, Prop.

HOTEL NORMANDIE.

Broadway and 38th Street, New York.
European Plan with Superior Restaurant.
Hotel first-class and Absolutely Fire Proof.
Special attention to Army and Navy Officers.

EARLE'S HOTEL.

Cor. Canal and Centre Streets, New York.
European Plan with Excellent Restaurant.
Downtown headquarters for Army & Navy
Rooms \$1.00 per day and upward.

NORMANDIE-BY-THE-SEA.
Normandie (near Seabright), New Jersey
Fronting on the Ocean and River.
Open from June to September 15th.
Seaside headquarters for Army and Navy.
FERDINAND F. EARLE, Owner & Prop.

New Hotel Lafayette, PHILADELPHIA.

TERMS
American Plan, \$3, \$3.50 and \$4—Baths Extra
European Plan, \$1, \$1.50 and \$2—Baths Extra
L. U. MALTBY.

MANSION HOUSE, Brooklyn Heights, N.Y..

directly opposite Wall Street, New York;
four minutes' walk from Fulton or Wall St.
ferry and the bridge terminus; superior ac-
commodations; reasonable rates; select fam-
ily and transient hotel; 300 rooms.
J. C. VAN CLEAF, Prop.

THE EBBITT:

WASHINGTON, D. C.
ARMY AND NAVY HEADQUARTERS.
Eight Iron Fire Escapes.

BURCH & GIBBS, MANAGERS.

The United States Official Investigation of Baking Powders

Made under authority of Congress by the Chemical Bureau of the Department of Agriculture, Washington, D. C., and just completed, shows the Royal Baking Powder to be a cream of tartar powder of the highest quality, pure and whole-some, and superior to all others in strength, leavening power, and general usefulness.

ESTABLISHED **RIDABOCK & CO.** 1847.
(Formerly BAKER & MCKENNEY.)

MILITARY EQUIPMENTS,

141 GRAND STREET, NEW YORK.

SHANNON, MILLER & CRANE,

MILITARY GOODS,

EQUIPMENTS FOR

OFFICERS OF ARMY, NAVY, NATIONAL GUARD, Etc.
No. 46 Maiden Lane, New York.

Hatfield & Sons, TAILORS AND IMPORTERS,

239 FIFTH AVENUE, NEW YORK.

LEADING STYLES FOR CIVILIAN DRESS AND CORRECT TASTE IN UNIFORMS.
"LEADERS ARE FEW: FOLLOWERS MANY."

J. H. WILSON,

928 Arch Street, Philadelphia.

OFFICERS' SWORDS, BELTS CAPS EMBROIDERIES AND
EVERYTHING FOR THE EQUIPMENT OF THE SOLDIER.
Sole Agent for McKeever's Cartridge Box, Merriam's
Knapsacks and Daggett's Tent-Pins.



U. S. A.

OFFICERS' CASTOR GLOVES, by mail, \$1.50.
BUFF NORWAY GAUNTLETS, per pair, \$2.50.
REGULATION ARMY OFFICERS' SPURS, by mail, postpaid, \$3.50.
REGULATION U. S. ARMY CAP, \$3.15.
HELMETS—Line officers, \$4.50; Field and Staff officers, extra fine, complete with plume, \$18.45; White Duck, \$1.25.
HELMET CORDS, \$6.50 and \$9.00.
AIGUILLETES, \$6.50 and \$9.00.
CAP CORDS, 75 cts.
EMBROIDERED GOLD CAP ORNAMENTS, \$1.25.
INDIGO BLUE FLANNEL LINED, REGULATION OVERCOAT, with hood, \$25.
REGULATION Dress Coats, \$21.00.
Fatigue Coats, \$10.80. Trousers, \$7.20.
Infantry Army Regulation SWORDS, \$8.55.
Cavalry and Artillery Sabres (best), \$13.50.
SWORD KNOTS, \$2.00.
Dress Belt, Fine Gold Lace, \$9.00 to \$12.00.
Dress Belt, fine GILT Lace, \$6.00.
Shoulder Knots—best gilt wire cord: Colonel, \$7.20; Lieut. Col. and Major, \$6.75; Capt., \$6.30; 1st Lieut., \$5.85; 2d Lieut., \$5.40.
STRAPS—best gold bullion on silver, leather backs, extra quality: Colonel, \$4.95; Lieut. Col., Major and Captain, \$4.50; 1st Lt., \$4.00; 2d Lieut., \$3.60.
RIDING LEGGINS, \$4.50.
Enamelled Leather.

C. W. SIMMONS & CO.,
"Oak Hall," Boston.

IF YOU ARE BUILDING

write us for a copy of our book on

"A TIN ROOF,"

ALSO OUR

FORMULÆ,

Containing full information about tin roofing; showing how to select, lay and paint, and how to specify for a tin roof in order to obtain best result.

Either or both pamphlets sent FREE OF COST.

If your building needs Ventilation or you are troubled from downward draft in your chimney, write us for information relative to our

STAR ★ VENTILATOR.

MERCHANT & CO.,

Phila., New York. Chicago. London.

NEW ENGLAND MUTUAL LIFE INSURANCE COMPANY.

Post Office Square, Boston, Mass.
Assets, Dec. 31, '89 \$20,660,562.55
Liabilities, - - 18,104,793.66

\$2,555,768.89.

Officers of the Army and Navy insured without extra premium except when engaged in actual warfare. An extra premium not paid at the assumption of the war risk does not invalidate the policy but simply becomes a lien upon it.

Liberty of residence and travel, on service, in all countries, at all seasons of the year, without extra charge.

Every policy has endorsed thereon the cash surrender and paid-up insurance values to which the insured is entitled by the Massachusetts Statute.

LIFE RATE ENDOWMENT Policies are issued at the old life rate premium.

Annual Cash distributions are paid upon all policies.

Pamphlets, rates and values for any age sent on application to the Company's Office, BENJ. F. STEVENS, President.

JOS. M. GIBBENS, Vice Pres.

S. F. TRULL, Secretary.

WM. B. TURNER, Asst. Sec.

The Pratt and Whitney Comp'y,

Manufacturers of

THE PRATT AND WHITNEY MACHINE GUN.

IMPROVED GARDNER; plants of machinery for Armories Sewing Machine Factories and every description of machine tools including small tools and fixtures for general work. Special machines and tools made to order. Catalogues sent on application. HARTFORD, CONN. U. S. A.

CORRUGATED FLUES

THE CONTINENTAL IRON WORKS,

SOLE MANUFACTURERS OF CORRUGATED BOILER FLUES,

Under their own patents and those of SAMSON FOX, Leeds, England. Made in sizes from 28 in. to 60 in. diameter, with flanged or plain ends.

THOS. F. ROWLAND, Prest.

CORRUGATED FLUES

West and Cuyler Sts., BROOKLYN, N. Y.

RAND ROCK DRILLS

For Submarine and all kinds of Rockwork.

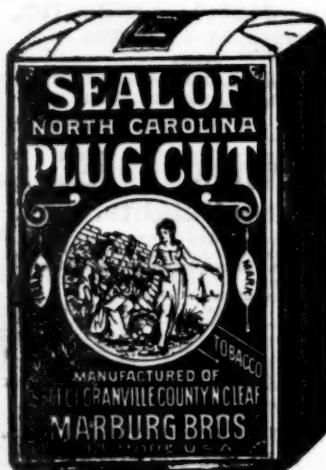
RAND DRILL CO., 23 Park Place, N. Y.

RACKAROCK,

The only safe high Explosive

Used in Flood Rock.

RENDROCK POWDER CO., 23 Park Place, N.Y.



SEAL OF North Carolina PLUG-CUT SMOKING TOBACCO.

The undisputed leader of Plug-cut Smoking Tobaccos throughout the world.

The Finest Sun-Cured Tobacco Grown in North Carolina.

Granville County, North Carolina, is universally noted for the sweet, superior-flavored leaf produced there. When sun-cured this Tobacco is unsurpassed anywhere in the world. Tobacco, like liquor, improves with age, and by storing the sun-cured Granville County leaf for several years, we obtain the superior tobacco used in this celebrated SEAL OF NORTH CAROLINA PLUG-CUT. It is cut from the plug, and makes a cool, delicious smoke which will not bite the tongue.

Beware of imitations. The original bears our firm's name:

MARBURG BROS. Baltimore, Md. U. S. A.

BOYLAN MANUFACTURING CO., LIMITED.

Successor to W. C. BOYLAN.

MILITARY CLOTHIERS,

PARTICULAR ATTENTION GIVEN TO
ARMY, NAVY, AND NATIONAL GUARD UNIFORMS,
No. 34 Howard Street, New York.

Do you Plant Seeds? Send to D. M. Ferry & Co., Detroit, Mich., for their Seed Annual.

Established 1857.

NORDDEUTSCHER LOYD S. S. CO.

THE SHIP ROUTE TO LONDON.

Sailing every WEDNESDAY and SATURDAY

NEW YORK TO SOUTHAMPTON in even to

eight days, connecting there with frequent trains

for LONDON, landing passengers and mail, and

proceeding without further delay to BREMEN,

making the run in 24 HOURS. The company's fleet

consists of the following steamers:

LAHN, Capt. Helmers. WERRA, Capt. Pohle.

SAAR, " Richter. EMS, " Bussius.

RHEIN, " Baer. FULDA, " Ringk.

ELBE, " Thalenborst. SPREE, " Willgerod.

All fast steamers, 5,500 to 6,000 tons and 500 to

10,000 h. p., built of steel; of the largest and most

modern type with unequalled Cuisine and Cabin ac-

commodations, and owing to their powerful engines

able to maintain high speed in heavy all weather

thus arriving with great regularity. For further

information apply to

DELBICHS & CO., 1 Bowling Green.

POWDER.

("Orange Mills") Establishe 3, 1808

Orange Rifle.

Orange Lightning.

Orange Ducking.

Orange Special

Military, Mining, and Blasting Powder

Electric Blasting Apparatus

Manufactured and for Sale by

LAFLIN & RAND POWDER CO.

29 Murray Street, New York.

Agenices and Magazines in all parts of the

country

Send postal card for illustrated descriptive

pamphlet, showing use of grains of Powder

Mailed FREE.